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OM protein - protein search, using sw model

Run on: June 7, 2003, 09:40:42 ; Search time 18 Seconds  
(without alignments)  
1778.027 Million cell updates/sec

Title: US-09-524-531c-13

Perfect score: 1633

Sequence: 1 MALSRRLRLRYARLPHPFL.....VYIRTSKGDPRKSKSVY 310

Scoring table: BLOSUM62

Searched: 392085 seqs, 103240269 residues

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

Published Applications AA.\*  
1: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep.\*  
2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep.\*  
5: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*  
6: /cgn2\_6/ptodata/2/pubpaa/PCTUS\_PUBCOMB.pep.\*  
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13: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1409	86.3	310	9	US-09-905-291A-423
2	1409	86.3	310	9	US-10-033-245-20
3	1409	86.3	310	9	US-10-033-223-20
4	1409	86.3	310	9	US-10-033-167-20
5	1409	86.3	310	9	US-09-902-853-423
6	1409	86.3	310	9	US-10-033-244-20
7	1409	86.3	310	9	US-09-907-824-423
8	1409	86.3	310	9	US-09-907-841-423
9	1409	86.3	310	9	US-09-904-011-423
10	1409	86.3	310	9	US-10-028-072-538
11	1409	86.3	310	9	US-09-906-742-423
12	1409	86.3	310	9	US-10-121-049-538
13	1409	86.3	310	9	US-10-123-904-538
14	1409	86.3	310	9	US-10-140-470-538
15	1409	86.3	310	9	US-09-906-838-423
16	1409	86.3	310	9	US-09-907-613-423
17	1409	86.3	310	9	US-09-907-942-423
18	1409	86.3	310	9	US-10-033-435-20
19	1409	86.3	310	9	US-10-175-746-538

20	1409	86.3	310	9	US-10-176-918-538	Sequence 538, App
21	1409	86.3	310	9	US-10-176-921-538	Sequence 538, App
22	1409	86.3	310	9	US-10-033-990-20	Sequence 20, App
23	1409	86.3	310	9	US-10-137-865-538	Sequence 538, App
24	1409	86.3	310	9	US-10-140-474-538	Sequence 538, App
25	1409	86.3	310	9	US-09-904-820-423	Sequence 423, App
26	1409	86.3	310	9	US-09-904-859-423	Sequence 423, App
27	1409	86.3	310	9	US-09-904-204-423	Sequence 423, App
28	1409	86.3	310	9	US-10-142-431-538	Sequence 538, App
29	1409	86.3	310	9	US-10-143-114-538	Sequence 538, App
30	1409	86.3	310	9	US-09-904-786-423	Sequence 423, App
31	1409	86.3	310	9	US-09-906-646-423	Sequence 423, App
32	1409	86.3	310	9	US-09-906-700-423	Sequence 423, App
33	1409	86.3	310	9	US-10-140-002-538	Sequence 538, App
34	1409	86.3	310	9	US-09-902-903-423	Sequence 423, App
35	1409	86.3	310	9	US-09-903-749A-423	Sequence 423, App
36	1409	86.3	310	9	US-09-903-786-423	Sequence 423, App
37	1409	86.3	310	9	US-10-142-419-538	Sequence 538, App
38	1409	86.3	310	9	US-09-902-736-423	Sequence 423, App
39	1409	86.3	310	9	US-09-904-119-423	Sequence 423, App
40	1409	86.3	310	9	US-09-904-956-423	Sequence 423, App
41	1409	86.3	310	9	US-09-907-794-423	Sequence 423, App
42	1409	86.3	310	9	US-10-050-704-109	Sequence 109, App
43	1409	86.3	310	9	US-10-050-704-163	Sequence 163, App
44	1409	86.3	310	9	US-10-050-704-164	Sequence 164, App
45	1409	86.3	310	9	US-10-123-262-538	Sequence 538, App

#### ALIGNMENTS

RESULT 1  
US-09-905-291A-423  
Sequence 423, Application US/09905291A  
Patent No. US20020160374A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Borstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Ecton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Geo, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Macher, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/905, 291A  
CURRENT FILING DATE: 2001-07-12  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143, 046  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145, 698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146, 222

PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/223089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-905-291A-423

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9,1e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

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DB 1 MALRRPRLRLCARLPDFLLLLFRGLIGAVNLKSSNRPVVOEFESVELSCITTHSQT 60  
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DB 61 SDPRIEWKTIQDQGTYYVFDNKKIQGLAGRAEILGKTSIKINWTRSDSALYRCEVVAR 120  
QY 121 NDKKEVDETIELIVQKPTVPCRIIPAANVGKTAATLOOSESEGYRPHYSRYRNDVPL 180  
DB 121 NDKKEIDEIVIELVQKPTVPCRVKAPVVGMMATLHCQSEBGRPHYSRYRNDVPL 180  
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DB 181 PTDSRANPRFRNSFFHNSETGLVFAYHKDSDGQYYCIASNDAGSARCEBEMEYDL 240  
QY 241 NIAGITGGVLLVILAVITMGICCAVRCGCTISSKQDGSYSYKPGKHGCVNIRTSSEG 300  
DB 241 NIIGIIGGVLLVAVLALITLIGICCAVRCGYFINNKODGSSYKNGKPGDGVNIRTDSEG 300  
QY 301 DFRHKSFFV 310  
DB 301 DFRHKSFFV 310

RESULT 2  
US-10-033-245-20

Sequence 20, Application US/10033245  
Patent No. US20020160392A1

GENERAL INFORMATION:  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Geo, Wei-Qiang

APPLICANT: Goddard, Audrey  
APPLICANT: Garney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P293ORIC7  
CURRENT APPLICATION NUMBER: US/10/033,245  
CURRENT FILING DATE: 2001-12-27  
PRIOR APPLICATION NUMBER: 60/095,325  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/112,851  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,145  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,511  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/115,558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119,341  
PRIOR FILING DATE: 1999-02-09  
PRIOR APPLICATION NUMBER: 60/119,537  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/119,965  
PRIOR FILING DATE: 1999-02-12  
PRIOR APPLICATION NUMBER: 60/162,506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 60/170,262  
PRIOR FILING DATE: 1999-12-09  
PRIOR APPLICATION NUMBER: 60/187,202  
PRIOR FILING DATE: 2000-03-03  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: 1999-06-02  
PRIOR APPLICATION NUMBER: PCT/US99/28634  
PRIOR FILING DATE: 1999-12-01  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: 2000-02-11  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: PCT/US00/14941  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
NUMBER OF SEQ ID NOS: 38  
SEQ ID NO 20  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-033-245-20

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9,1e-89;

Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRLYARLPHPFLLLLFRGCMIEAVNLKSSRNPNVHFESEVELSCITTHSQT 60  
DB 1 MALRRPRLRLCARLPDFLLLLFRGLIGAVNLKSSNRPVVOEFESVELSCITTHSQT 60

Qy	61	SDPRLEMKKIQCQGGTYYVFE	DNKKIQGLDGR	TVPKTSLR	INNNR	SDSAIR	CEVVAL	120	
				:		:			
Db	61	SDPRLEMKKIQCQGGTYYVFE	DNKKIQGLDGR	AEILKTS	LSKINNV	TRBDSAL	RCEVVAR	120	
Qy	121	NDRKEVDEITIELIVQKCPVTP	VCRIPA	VPVGTATL	QCQSESGY	PRPHY	SYRNDVPL	160	
Db	121	NDRKEIDELIVELTVOVKR	ETPVCB	PKPAVP	VGKAMATL	HCQSESGHPR	PHYSYRNDVPL	160	
Qy	181	PTDSANP	PFQSSS	PFVNSE	GTGLVNA	NHAKD	SGGYCCIAS	NDAGAARCEGDMVEYDL	240
Db	181	PTDSANP	PFQSSS	PFVNSE	GTGLVNA	NHAKD	SGGYCCIAS	NDAGASARCEGDMVEYDL	240
Qy	241	NIAGIIGGVLVYLVLAV	ITMGICCA	YRRGCFIS	XQDGE	SYNPKGR	HDGVN	IRTSSEEG	300
Db	241	NIAGIIGGVLVYLVLAV	ITMGICCA	YRRGCFYF	INNQDGE	SYNPKGR	PDGVN	IRTDSEG	300
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Db	301	DFRHKS	SPVI	310					

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RESULT 3
US-10-033-223-20
; Sequence 20, Application US/10033223
; Patent No. US20020164646A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OR INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2930R1C9
; CURRENT APPLICATION NUMBER: US/10/033,223
; CURRENT FILING DATE: 2001-12-27
; PRIOR APPLICATION NUMBER: 60/095,325
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/112,851
; PRIOR FILING DATE: 1998-12-16
; PRIOR APPLICATION NUMBER: 60/113,145
; PRIOR FILING DATE: 1998-12-16
; PRIOR APPLICATION NUMBER: 60/113,511
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/115,558
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115,565
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115,733
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/119,341
; PRIOR FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: 60/119,537
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: 60/119,965
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: 60/162,506
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 60/170,262
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 60/187,202
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02

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; PRIOR APPLICATION NUMBER: PCT/US99/28634
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: PCT/US99/28551
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/US00/14941
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 38
; SEQ ID NO 20
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-033-223-20

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Query Match	86.3%	Score 1409;	DB 9;	Length 310;
Best Local Similarity	85.8%	Pred. No. 9.1e-89;		
Matches 266;	Conservative 18;	Mismatches 26;	Indels 0;	Gaps 0;

Oy	60	MAJSRLRLVLAARLPHFLLLPFGCMIEAVNIXKSNNRVVMEFSSVELSCITHSOT	60
Db	1	MAARRPRRLCARLPDPFLLLPFRGCLIGAVNIXKSNRRTPVQEFSSVELSCITDSOT	60
Oy	61	SDPRIRMKKIOQOQTYYVFDNKKIOGLAGRTDVPFKTSLRIANVTSDSAIYRCEVAL	120
Db	61	SDPRIRMKKIOEQOTYYVFDNKKIOGLAGRAELIGKLSLIWVTRRDSALYRCEVVAR	120
Oy	121	NDBKEVDEITIELIYQVKRTPVCRIIPAAYVVGKATLQCOSESGYRPRPHSWYRNDVPL	180
Db	121	NDBKEIDELIVIELTYQVFPYRPPVCRAVPAVVGGMATLQCOESGHRPRPHSWYRNDVPL	180
Oy	181	PTDSRAPRPNQSSFRHNSSETGTLVFNAVHKDSGOQYCIASNDAGAARCEGDMEEYDL	240
Db	181	PTDSRAPRFRNSSFRHNSSETGTLVFTVHMDSDGOYYCIASNDAGARCEBEMEYDL	240
Oy	241	NIGIIGGLVVLIVLAVITMGICCAAYRGEFISKODGESYKPGKHDGVNVIYRTSEEG	300
Db	241	NIGIIGGLVVLVAVLALITLIGICCAAYRGIPINNKODGESYKPGKPDGVNVIYRTDEEG	300
Oy	301	DPRHKSFPVI 310	
Db	301	DPRHKSFPVI 310	

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RESULT 4
US-10-033-167-20
; Sequence 20, Application US/100033167
; Publication No. US20020182618A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2930R1C10  
CURRENT APPLICATION NUMBER: US/10/033,167  
CURRENT FILING DATE: 2001-12-27  
PRIOR APPLICATION NUMBER: 60/095,325  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/112,851  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,145  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,511  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/115,558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119,341  
PRIOR FILING DATE: 1999-02-09  
PRIOR APPLICATION NUMBER: 60/119,537  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/119,965  
PRIOR FILING DATE: 1999-02-12  
PRIOR APPLICATION NUMBER: 60/162,506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 60/170,262  
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PRIOR APPLICATION NUMBER: 60/187,202  
PRIOR FILING DATE: 2000-03-03  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: 1999-06-02  
PRIOR APPLICATION NUMBER: PCT/US99/28634  
PRIOR FILING DATE: 1999-12-01  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: 2000-02-11  
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PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: PCT/US00/14941  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
NUMBER OF SEQ ID NOS: 38  
SEQ ID NO 20  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-033-167-20

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9.1e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLVYARLPHPFLLLFRGCMTEAVNLKSSNRNPVVHFESEVELSCIITHSQT 60  
DB 1 MALRRPRLRLCARLPDFLLFRGLIGAVNLKSSNRTPPVQEFESVELSCIITDSQT 60  
QY 61 SDRIRWKIKIQDQCTTYVFDNKIQDLAGRTVFGKTSLRINNVTRSDSAITRCEVAL 120  
DB 61 SDRIRWKIKIQDQCTTYVFDNKIQDLAGRAEILIGTSIKINNVTRSDSAITRCEVAL 120  
QY 121 NDRKEVDITELIVGVKPTVPCRIAPAAVVKCTATLQOSESGYPRPHYSYRRDVP 180  
DB 121 NDRKEIDELIVGVKPTVPCRIAPAAVVKCTATLQOSESGYPRPHYSYRRDVP 180

QY 181 PTDSPANPRFQNSSEFVNSSETGLVFNAVHKDSCQYVCIASNDGAARCEGDMEVYDL 240  
DB 181 PTDSPANPRFQNSSEFVNSSETGLVFNAVHKDSCQYVCIASNDGAARCEGDMEVYDL 240  
QY 241 NIAGIIGVLLVLYLVATYMTGICAYRGCCTISSKQDSEYKSGKHDGVNYITSEEG 300  
DB 241 NIAGIIGVLLVLYLVATYMTGICAYRGCCTISSKQDSEYKSGKHDGVNYITSEEG 300  
QY 301 DFRHKSFFVI 310  
DB 301 DFRHKSFFVI 310

RESULT 5  
US-09-902-853-423  
Sequence 423, Application US/09902853  
Publication No. US20020192859A1.  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Geritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kijavini, Ivar J.  
APPLICANT: Matner, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumes, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/902,853  
CURRENT FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: US/09/665,350  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO: 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-902-853-423

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9, 1e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRLRLRYARLPHFLLLLFRGCMTEAVNLKSSNNPVPVHPESEVELSCITTSQT 60  
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRTPVQEFSEVELSCITTSQT 60  
QY 61 SDPRIEMKKIODEQTTYYFNDNKIOGDLAAGTDFGKTSLRIMWTRSDSALYRCEVAL 120  
DB 61 SDPRIEMKKIODEQTTYYFNDNKIOGDLAAGTDFGKTSLRIMWTRSDSALYRCEVAL 120  
QY 121 NDRKEVDITTELIVQVPTVPVCRIPAAVPGKATLLOCSESEGYPRPHYSWYRNDVPL 180  
DB 121 NDRKEIDIVIELTVQVPTVPVCRIPAAVPGKATLLOCSESEGYPRPHYSWYRNDVPL 180  
QY 181 PTDSRANRPFONSSFVNSETGLVFENAVHKODSGQYCIASNDAGARCEQOMEVYDL 240  
DB 181 PTDSRANRPFONSSFVNSETGLVFENAVHKODSGQYCIASNDAGARCEQOMEVYDL 240  
QY 241 NIAGIIGVLLVLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGVYIRTSSEG 300  
DB 241 NIAGIIGVLLVLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGVYIRTSSEG 300  
QY 301 DFRHKSFEVI 310  
DB 301 DFRHKSFEVI 310

RESULT 6  
US-10-033-244-20  
Sequence 20, Application US/10033244  
Application No. US2002019268A1  
GENERAL INFORMATION:

APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austen L.  
APPLICANT: Pan, James  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2930R1C2  
CURRENT APPLICATION NUMBER: US/10/033,244  
PRIOR FILING DATE: 2001-12-27  
PRIOR APPLICATION NUMBER: 60/095,325  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/112,851  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,145

PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,511  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/115,558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119,341  
PRIOR FILING DATE: 1999-02-09  
PRIOR APPLICATION NUMBER: 60/119,537  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/119,965  
PRIOR FILING DATE: 1999-02-12  
PRIOR APPLICATION NUMBER: 60/162,506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 60/170,262  
PRIOR FILING DATE: 1999-12-09  
PRIOR APPLICATION NUMBER: 60/187,202  
PRIOR FILING DATE: 2000-03-03  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: 1999-06-02  
PRIOR APPLICATION NUMBER: PCT/US99/28634  
PRIOR FILING DATE: 1999-12-01  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: 2000-02-11  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: PCT/US00/14941  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
NUMBER OF SEQ ID NOS: 38  
SEQ ID NO: 20  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-033-244-20

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9, 1e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRLRLRYARLPHFLLLLFRGCMTEAVNLKSSNNPVPVHPESEVELSCITTSQT 60  
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRTPVQEFSEVELSCITTSQT 60  
QY 61 SDPRIEMKKIODEQTTYYFNDNKIOGDLAAGTDFGKTSLRIMWTRSDSALYRCEVAL 120  
DB 61 SDPRIEMKKIODEQTTYYFNDNKIOGDLAAGTDFGKTSLRIMWTRSDSALYRCEVAL 120  
QY 121 NDRKEVDITTELIVQVPTVPVCRIPAAVPGKATLLOCSESEGYPRPHYSWYRNDVPL 180  
DB 121 NDRKEIDIVIELTVQVPTVPVCRIPAAVPGKATLLOCSESEGYPRPHYSWYRNDVPL 180  
QY 181 PTDSRANRPFONSSFVNSETGLVFENAVHKODSGQYCIASNDAGARCEQOMEVYDL 240  
DB 181 PTDSRANRPFONSSFVNSETGLVFENAVHKODSGQYCIASNDAGARCEQOMEVYDL 240  
QY 241 NIAGIIGVLLVLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGVYIRTSSEG 300  
DB 241 NIAGIIGVLLVLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGVYIRTSSEG 300  
QY 301 DFRHKSFEVI 310





PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-03-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
Deleting Prior Application data removed - See File Wrapper or PALM.  
Number of SEQ ID NOS: 423  
SEQ ID NO 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-907-841-423

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9,1e-89;  
Matches 26; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRYALPHFLLLLFRGCMIEAVNKSNNRNPVHFBSEVELSCITTHSQT 60  
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRTVVOBFSEVELSCITTHSQT 60  
QY 61 SDPRIEMKKIODEGOTTYVFFDNKIOGDLAGRTDVGKTSLRIMNTRSDSAIYRCEVVAL 120  
DB 61 SDPRIEMKKIODEGOTTYVFFDNKIOGDLAGRAEILGKTSLRIMNTRSDSAIYRCEVVAL 120  
QY 121 NDRKVDDEITLILYQVKEVTPVCRIPAAVPYKGTATLCOGSEGEYPRPHYSWYRNDVPL 180  
DB 121 NDRKVIDEITLILYQVKEVTPVCRIPKAVPYGKATLHCOSEGEHPRPHYSWYRNDVPL 180  
QY 181 PTDSSANRPFQSSFFVNSSETGLVFNAAVKDSDGQYCIASNDGASARCEOEEMEVYDL 240  
DB 181 PTDSSANRPFQSSFFVNSSETGLVFTAVHKDSDGQYCIASNDGASARCEOEEMEVYDL 240  
QY 241 NIAGIIGVLLVLIYLAIVITMGICCAVRRGCFISSKODESYKSPGKHGVMYIRTSSEEG 300  
DB 241 NIAGIIGVLLVLIYLAIVITMGICCAVRRGCFISSKODESYKSPGKHGVMYIRTSDEEG 300  
QY 301 DFRHKSFEVI 310  
DB 301 DFRHKSFEVI 310

## RESULT 9

US-09-904-011-423  
Sequence 423, Application US/09904011  
Publication No. US2003000350A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gertsen, Mary E.

APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Macher, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/904,011  
CURRENT FILING DATE: 2001-07-11  
PRIOR APPLICATION NUMBER: 09/665,350  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-904-011-423

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9,1e-89;  
Matches 26; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRYALPHFLLLLFRGCMIEAVNKSNNRNPVHFBSEVELSCITTHSQT 60  
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRTVVOBFSEVELSCITTHSQT 60  
QY 61 SDPRIEMKKIODEGOTTYVFFDNKIOGDLAGRTDVGKTSLRIMNTRSDSAIYRCEVVAL 120  
DB 61 SDPRIEMKKIODEGOTTYVFFDNKIOGDLAGRAEILGKTSLRIMNTRSDSAIYRCEVVAL 120

QY 121 NORKEVDEITELIYQKPTPTVCRIIPAUVCKTATLQCESEGYPRPHYSWYRNDVPL 180  
DB 121 NORKEIDEIVTELTVQKPTPCRCVPKAVPVCKMTLHCQSEEGHPRPHYSWYRNDVPL 180  
QY 181 PIDSRAFPFQNSFVNSFTGLVFNNAVHKDSSGQYCCIASNDAGARCEQDMEVYDL 240  
DB 181 PIDSRAFPFQNSFVNSFTGLVFNNAVHKDSSGQYCCIASNDAGARCEQDMEVYDL 240  
QY 241 NIAGIIGVLLVILAVITMGIICCAVRRGCFISSKQDSESYKSPKHDGVNIRTSEEG 300  
DB 241 NIAGIIGVLLVILAVITMGIICCAVRRGCFISSKQDSESYKSPKHDGVNIRTSEEG 300  
QY 301 DFRHSSFWI 310  
DB 301 DFRHSSFWI 310

RESULT 10  
US-10-028-072-538  
Application No. US20030004311A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Guiney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang  
TITLE OF INVENTION:  
FILE REFERENCE:  
CURRENT APPLICATION NUMBER: US/10/028, 072  
CURRENT FILING DATE: 2001-12-19  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062285  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062814

PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/062816  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063082  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
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PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063550  
PRIOR FILING DATE: 1997-10-28  
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PRIOR FILING DATE: 1997-10-28  
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PRIOR FILING DATE: 1997-10-29  
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PRIOR FILING DATE: 1997-11-07  
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PRIOR FILING DATE: 1997-11-12  
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PRIOR FILING DATE: 1997-11-17  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066453  
PRIOR FILING DATE: 1997-11-24  
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PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
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PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09



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; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
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; PRIOR APPLICATION NUMBER: PCT/US99/21547
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; PRIOR APPLICATION NUMBER: PCT/US99/22089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-906-742-423

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Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9,1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRLRLRYARLPHFLLLPFGCMIEAVNLKSNRNPPVHFESEVLSCTIHTSQT 60
DB 1 MALSRLRLRYARLPHFLLLPFGCMIEAVNLKSNRNPPVHFESEVLSCTIHTSQT 60
QY 61 SDPRIEMKKIQDEQTTYYFDFDKKIQDLAGRTDVEGKTSLRIMWTRSDSAYRCEVVAL 120
DB 61 SDPRIEMKKIQDEQTTYYFDFDKKIQDLAGRTDVEGKTSLRIMWTRSDSAYRCEVVAL 120
QY 121 NDRKEVDEITIELIYQVKEPVTPVCRIPAAVPGKATATLCCQSESEGYPRPHYSWYRNDVPL 180
DB 121 NDRKEVDEITIELIYQVKEPVTPVCRIPAAVPGKATATLCCQSESEGYPRPHYSWYRNDVPL 180
QY 181 PTDSPANRPFONSSPHVNSEGTIVFNNAHKDSDGQYCIASNDGASARCEQDEMEVYDL 240
DB 181 PTDSPANRPFONSSPHVNSEGTIVFNNAHKDSDGQYCIASNDGASARCEQDEMEVYDL 240
QY 241 NIAGIIGVLLVLIYLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGVMYIRTSSEEG 300
DB 241 NIAGIIGVLLVLIYLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGVMYIRTSSEEG 300
QY 301 DFRHKSSFYI 310
DB 301 DFRHKSSFYI 310

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RESULT 12
US-10-121-049-538
; Sequence 538, Application US/10121049
; Publication No. US2003002239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura

```

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; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C17
; CURRENT APPLICATION NUMBER: US/10/121,049
; PRIOR APPLICATION: 2002-04-12
; PRIOR Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 538
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-538

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Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9,1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRLRLRYARLPHFLLLPFGCMIEAVNLKSNRNPPVHFESEVLSCTIHTSQT 60
DB 1 MALSRLRLRYARLPHFLLLPFGCMIEAVNLKSNRNPPVHFESEVLSCTIHTSQT 60
QY 61 SDPRIEMKKIQDEQTTYYFDFDKKIQDLAGRTDVEGKTSLRIMWTRSDSAYRCEVVAL 120
DB 61 SDPRIEMKKIQDEQTTYYFDFDKKIQDLAGRTDVEGKTSLRIMWTRSDSAYRCEVVAL 120
QY 121 NDRKEVDEITIELIYQVKEPVTPVCRIPAAVPGKATATLCCQSESEGYPRPHYSWYRNDVPL 180
DB 121 NDRKEVDEITIELIYQVKEPVTPVCRIPAAVPGKATATLCCQSESEGYPRPHYSWYRNDVPL 180
QY 181 PTDSPANRPFONSSPHVNSEGTIVFNNAHKDSDGQYCIASNDGASARCEQDEMEVYDL 240
DB 181 PTDSPANRPFONSSPHVNSEGTIVFNNAHKDSDGQYCIASNDGASARCEQDEMEVYDL 240
QY 241 NIAGIIGVLLVLIYLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGVMYIRTSSEEG 300
DB 241 NIAGIIGVLLVLIYLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGVMYIRTSSEEG 300
QY 301 DFRHKSSFYI 310
DB 301 DFRHKSSFYI 310

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RESULT 13
US-10-123-904-538
; Sequence 538, Application US/10123904
; Publication No. US2003002238A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria

```

```

; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C54
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 538
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-904-538

Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9,1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRLYARLPHFLLLLFRGCMLEAVNLKSSNRNPVYHESVLSCTITTSQT 60
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLLGAVNLKSSNRTPVVOEFESVLSCTITTSQT 60
QY 61 SDPRIEMKKIODEGOTTYVFDNKIOGDLAGRTDVGKTSLRIMVTRSDSAIYRCEVAL 120
DB 61 SDPRIEMKKIODEGOTTYVFDNKIOGDLGRABILKTSLSKIMVTRSDSAIYRCEVAR 120
QY 121 NDRKEVEITIELIYQKVPVPCRIIPAAPVPGKATLTCQESGYPHPHYSWYNDVPL 180
DB 121 NDRKEIDEIVIELTVQKVPVPCRPVCAVPVGMATLTCQESGHPHPHYSWYNDVPL 180
QY 181 PTDSRANPRFNSSFHNSSETGLVFNAVHKDSCGYCIASNDAGARCEQDMEYVDL 240
DB 181 PTDSRANPRFNSSFHNSSETGLVFTVAHKDSCGYCIASNDAGSARCEQDMEYVDL 240
QY 241 NIAGIGGLVLLVLAIVTMGICCAVRRGCFISSKODESYKSPGKHGVDVYIRTSSE 300
DB 241 NIGGIIGGLVLLVLAIVTMGICCAVRRGCFISSKODESYKSPGKHGVDVYIRTSSE 300
QY 301 DFRHKSSFVI 310
DB 301 DFRHKSSFVI 310

RESULT 14
US-40-470-538
; Sequence 538, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
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; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 538
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-470-538

Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9,1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRLYARLPHFLLLLFRGCMLEAVNLKSSNRNPVYHESVLSCTITTSQT 60
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLLGAVNLKSSNRTPVVOEFESVLSCTITTSQT 60
QY 61 SDPRIEMKKIODEGOTTYVFDNKIOGDLAGRTDVGKTSLRIMVTRSDSAIYRCEVAL 120
DB 61 SDPRIEMKKIODEGOTTYVFDNKIOGDLGRABILKTSLSKIMVTRSDSAIYRCEVAR 120
QY 121 NDRKEVEITIELIYQKVPVPCRIIPAAPVPGKATLTCQESGYPHPHYSWYNDVPL 180
DB 121 NDRKEIDEIVIELTVQKVPVPCRPVCAVPVGMATLTCQESGHPHPHYSWYNDVPL 180
QY 181 PTDSRANPRFNSSFHNSSETGLVFNAVHKDSCGYCIASNDAGARCEQDMEYVDL 240
DB 181 PTDSRANPRFNSSFHNSSETGLVFTVAHKDSCGYCIASNDAGSARCEQDMEYVDL 240
QY 241 NIAGIGGLVLLVLAIVTMGICCAVRRGCFISSKODESYKSPGKHGVDVYIRTSSE 300
DB 241 NIGGIIGGLVLLVLAIVTMGICCAVRRGCFISSKODESYKSPGKHGVDVYIRTSSE 300
QY 301 DFRHKSSFVI 310
DB 301 DFRHKSSFVI 310

RESULT 15
US-09-906-838-423
; Sequence 423, Application US/09906838
; Publication No. US20030027143A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Goddard, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavich, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,838
; CURRENT FILING DATE: 2001-07-16
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Job time : 20 secs

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; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-906-838-423
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Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9,1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;
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QY      1 MALSRRLRLYLARLPFLLLFRGCMTEAVNLKSNRNPPVHEFESVELSCIITHSQT 60
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DB      1 MALRRPRRLRLCARLPDFLLFRGCLIGAVNLKSNRTPPVQEFESVELSCIITDSQT 60
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY      61 SDPRIEMKKIIOGQTYVYFEDNKIOGDLGRDTVPFGKTSLRIMNVTNRSDATYRCVVAL 120
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB      61 SDPRIEMKKIIOBQITVYFEDNKIOGDLGRAELIGKTSLKIMNVTNRSDALYRCVVAR 120
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY      121 NDRKEVDEITIELIVQKKEVTPVCRIPAAVPVSKTATLQCESEGYRPHYSWYRNDVPL 180
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB      121 NDRKEIDELIVELTVQKKEVTPVCRIPKAVPVQKMATLHQCSESEGHPRPHYSWYRNDVPL 180
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY      181 PTDSRANPFRFQNSSFVNSETGTLVFNVAHKDDSGQYCYCIASNDAGARCEGQDMEVYDL 240
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB      181 PTDSRANPFRFQNSSFVNSETGTLVFNVAHKDDSGQYCYCIASNDAGARCEGQDMEVYDL 240
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY      241 NIGGIIIGLVAVLAVITMGICCAVRRGCFISSKODGESYKSPGKHGQVNYIRTSEEG 300
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB      241 NIGGIIIGLVAVLAVLITLIGICCAVRRGYFLNNKODGESYKXNPGKPDGVNYIRTDEEG 300
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY      301 DFRHKSFFVI 310
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB      301 DFRHKSFFVI 310
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Search completed: June 7, 2003, 09:46:49

GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OW protein - protein search, using sw model

Run on: June 7, 2003, 09:40:42 ; Search time 18 Seconds  
(without alignments)  
1778.027 Million cell updates/sec

Title: US-09-524-531C-15  
Perfect score: 1637  
Sequence: 1 MALRRPRLRLCARLPDFLL.....VNYIRDEGDFRHKSFVI 310

Scoring table:  
BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 392085 seqs, 103240269 residues  
Total number of hits satisfying chosen parameters: 392085

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

Published Applications AA:\*

- 1: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep.\*
- 2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep.\*
- 3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*
- 4: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*
- 5: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*
- 6: /cgn2\_6/ptodata/2/pubpaa/PCTUS\_PUBCOMB.pep.\*
- 7: /cgn2\_6/ptodata/2/pubpaa/PCTUS\_PUBCOMB.pep.\*
- 8: /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB.pep.\*
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- 10: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep.\*
- 11: /cgn2\_6/ptodata/2/pubpaa/US10\_PUBCOMB.pep.\*
- 12: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*
- 13: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*
- 14: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
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2	1637	100.0	310	9	US-10-033-245-20
3	1637	100.0	310	9	US-10-033-223-20
4	1637	100.0	310	9	US-10-033-167-20
5	1637	100.0	310	9	US-09-902-853-423
6	1637	100.0	310	9	US-10-033-244-20
7	1637	100.0	310	9	US-09-907-824-423
8	1637	100.0	310	9	US-09-907-841-423
9	1637	100.0	310	9	US-09-904-011-423
10	1637	100.0	310	9	US-10-028-072-538
11	1637	100.0	310	9	US-09-906-742-423
12	1637	100.0	310	9	US-10-121-049-538
13	1637	100.0	310	9	US-10-123-904-538
14	1637	100.0	310	9	US-10-140-470-538
15	1637	100.0	310	9	US-09-906-838-423
16	1637	100.0	310	9	US-09-907-613-423
17	1637	100.0	310	9	US-09-907-942-423
18	1637	100.0	310	9	US-10-033-435-20
19	1637	100.0	310	9	US-10-175-746-538

20	1637	100.0	310	9	US-10-176-918-538	Sequence 538, App
21	1637	100.0	310	9	US-10-176-921-538	Sequence 538, App
22	1637	100.0	310	9	US-10-032-990-70	Sequence 20, App
23	1637	100.0	310	9	US-10-137-865-538	Sequence 538, App
24	1637	100.0	310	9	US-10-140-474-538	Sequence 538, App
25	1637	100.0	310	9	US-09-904-820-423	Sequence 423, App
26	1637	100.0	310	9	US-09-904-859-423	Sequence 423, App
27	1637	100.0	310	9	US-09-909-204-423	Sequence 423, App
28	1637	100.0	310	9	US-10-142-431-538	Sequence 538, App
29	1637	100.0	310	9	US-10-143-114-538	Sequence 538, App
30	1637	100.0	310	9	US-09-904-786-423	Sequence 423, App
31	1637	100.0	310	9	US-09-906-646-423	Sequence 423, App
32	1637	100.0	310	9	US-09-906-700-423	Sequence 423, App
33	1637	100.0	310	9	US-10-140-002-538	Sequence 538, App
34	1637	100.0	310	9	US-09-902-993-423	Sequence 423, App
35	1637	100.0	310	9	US-09-903-749A-423	Sequence 423, App
36	1637	100.0	310	9	US-09-903-786-423	Sequence 423, App
37	1637	100.0	310	9	US-10-142-419-538	Sequence 538, App
38	1637	100.0	310	9	US-09-902-736-423	Sequence 423, App
39	1637	100.0	310	9	US-09-904-119-423	Sequence 423, App
40	1637	100.0	310	9	US-09-904-956-423	Sequence 423, App
41	1637	100.0	310	9	US-09-907-794-423	Sequence 423, App
42	1637	100.0	310	9	US-10-050-704-109	Sequence 109, App
43	1637	100.0	310	9	US-10-050-704-163	Sequence 163, App
44	1637	100.0	310	9	US-10-050-704-164	Sequence 164, App
45	1637	100.0	310	9	US-10-123-262-538	Sequence 538, App

#### ALIGNMENTS

RESULT 1  
US-09-905-291A-423  
Sequence 423, Application US/09905291A  
Patent No. US20020160374A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Borkstein, David  
APPLICANT: Denoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavini, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/905, 291A  
CURRENT FILING DATE: 2001-07-12  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143, 048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145, 698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146, 222

PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
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PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
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PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO: 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-905-291A-423

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MALRRPRLRLCARLPDFFLLIFRGCLIGAVNLKSSNRTPTVQEFSEVELSCIITDSQT 60  
1 MALRRPRLRLCARLPDFFLLIFRGCLIGAVNLKSSNRTPTVQEFSEVELSCIITDSQT 60  
61 SDRRIEMKKIQDBQTTVFFDNKIQDLAGRAAILGKTSIKIWNVTRDSALYRCEVVAR 120  
61 SDRRIEMKKIQDBQTTVFFDNKIQDLAGRAAILGKTSIKIWNVTRDSALYRCEVVAR 120  
121 NDRKEIDELVIELTVQKPTVPCRVKAVPKAVGKMATLHCQSESGHPRPHYSYRNDVPL 180  
121 NDRKEIDELVIELTVQKPTVPCRVKAVPKAVGKMATLHCQSESGHPRPHYSYRNDVPL 180  
181 PTDSRANPRPRNSFFHLNSETGLVFTAVHKDQSGOYCIASNDAGSARCEBEMEYVDL 240  
181 PTDSRANPRPRNSFFHLNSETGLVFTAVHKDQSGOYCIASNDAGSARCEBEMEYVDL 240  
241 NIGGIIGVVLVAVLALITLIGICAYRRCYFINNKQDGSYNNPKGPDGVNIIRTDDEG 300  
241 NIGGIIGVVLVAVLALITLIGICAYRRCYFINNKQDGSYNNPKGPDGVNIIRTDDEG 300  
301 DFRHKSFPV 310  
301 DFRHKSFPV 310

RESULT 2  
US-10-033-245-20  
Sequence 20, Application US/10033245  
Patent No. US20020160392A1  
GENERAL INFORMATION:  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Ferreira, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2930R1C7  
CURRENT FILING DATE: US/10/033,245  
PRIOR FILING DATE: 2001-12-27  
PRIOR APPLICATION NUMBER: 60/095,325  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/112,851  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,145  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,511  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/115,558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119,341  
PRIOR FILING DATE: 1999-02-09  
PRIOR APPLICATION NUMBER: 60/119,537  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/119,965  
PRIOR FILING DATE: 1999-02-12  
PRIOR APPLICATION NUMBER: 60/162,506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 60/170,262  
PRIOR FILING DATE: 1999-12-09  
PRIOR APPLICATION NUMBER: 60/187,202  
PRIOR FILING DATE: 2000-03-03  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: 1999-06-02  
PRIOR APPLICATION NUMBER: PCT/US99/28634  
PRIOR FILING DATE: 1999-12-01  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: 2000-02-11  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: PCT/US00/14941  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
NUMBER OF SEQ ID NOS: 38  
SEQ ID NO: 20  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-033-245-20

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MALRRPRLRLCARLPDFFLLIFRGCLIGAVNLKSSNRTPTVQEFSEVELSCIITDSQT 60  
1 MALRRPRLRLCARLPDFFLLIFRGCLIGAVNLKSSNRTPTVQEFSEVELSCIITDSQT 60



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Qy 61 SDPRIEMKKIODEQTTVFFDNKIQDLAGRAEILKTSLSKIMWVTRDSALYRCEVAV 120
Db 61 SDPRIEMKKIOBQTTVFFDNKIQDLAGRAEILKTSLSKIMWVTRDSALYRCEVAV 120
Qy 121 NDRKEIDIVIELTVQVPTVPCGVPKAVPVGKMATLHCQESBGPRLPHYSWYRNDVPL 180
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Qy 181 PTDSRANPRFNNSSFHNSSTGTLVFTAVHKDQSGQYCIASNDGASARCEQEMEVYDL 240
Db 181 PTDSRANPRFNNSSFHNSSTGTLVFTAVHKDQSGQYCIASNDGASARCEQEMEVYDL 240
Qy 241 NIGGIIGVAVLVAVLALITLIGICAYRRGYFINNKQDESYKPKGPDGVNVIITDEBG 300
Db 241 NIGGIIGVAVLVAVLALITLIGICAYRRGYFINNKQDESYKPKGPDGVNVIITDEBG 300
Qy 301 DFRHKSFEVI 310
Db 301 DFRHKSFEVI 310

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RESULT 3  
US-10-033-223-20

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/ Sequence 20, Application US/10033223
/ Patent No. US20020164646A1
/ GENERAL INFORMATION:
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Pan, James
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2930R1C9
/ CURRENT APPLICATION NUMBER: US/10/033,223
/ PRIOR FILING DATE: 2001-12-27
/ PRIOR APPLICATION NUMBER: 60/095,325
/ PRIOR FILING DATE: 1998-08-04
/ PRIOR APPLICATION NUMBER: 60/112,851
/ PRIOR FILING DATE: 1998-12-16
/ PRIOR APPLICATION NUMBER: 60/113,145
/ PRIOR FILING DATE: 1998-12-16
/ PRIOR APPLICATION NUMBER: 60/113,511
/ PRIOR FILING DATE: 1998-12-22
/ PRIOR APPLICATION NUMBER: 60/115,558
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/115,565
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/115,733
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/119,341
/ PRIOR FILING DATE: 1999-02-09
/ PRIOR APPLICATION NUMBER: 60/119,537
/ PRIOR FILING DATE: 1999-02-10
/ PRIOR APPLICATION NUMBER: 60/119,965
/ PRIOR FILING DATE: 1999-02-12
/ PRIOR APPLICATION NUMBER: 60/162,506
/ PRIOR FILING DATE: 1999-10-29
/ PRIOR APPLICATION NUMBER: 60/170,262
/ PRIOR FILING DATE: 1999-12-09
/ PRIOR APPLICATION NUMBER: 60/187,202
/ PRIOR FILING DATE: 2000-03-03
/ PRIOR APPLICATION NUMBER: PCT/US99/12252
/ PRIOR FILING DATE: 1999-06-02

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/ PRIOR APPLICATION NUMBER: PCT/US99/28634
/ PRIOR FILING DATE: 1999-12-01
/ PRIOR APPLICATION NUMBER: PCT/US99/28551
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US00/03565
/ PRIOR FILING DATE: 2000-02-11
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: PCT/US00/05841
/ PRIOR FILING DATE: 2000-03-02
/ PRIOR APPLICATION NUMBER: PCT/US00/08439
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: PCT/US00/14941
/ PRIOR FILING DATE: 2000-05-30
/ PRIOR APPLICATION NUMBER: PCT/US00/15264
/ PRIOR FILING DATE: 2000-06-02
/ PRIOR APPLICATION NUMBER: PCT/US00/32678
/ PRIOR FILING DATE: 2000-12-01
/ NUMBER OF SEQ ID NOS: 38
/ SEQ ID NO 20
/ LENGTH: 310
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ US-10-033-223-20

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Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MALRRPRLRLCARLPDFFLLLFRCGLIGAVNLKSNRRTPVOBFESVLSCTITDSQT 60
Qy 61 SDPRIEMKKIOBQTTVFFDNKIQDLAGRAEILKTSLSKIMWVTRDSALYRCEVAV 120
Db 61 SDPRIEMKKIOBQTTVFFDNKIQDLAGRAEILKTSLSKIMWVTRDSALYRCEVAV 120
Qy 121 NDRKEIDIVIELTVQVPTVPCGVPKAVPVGKMATLHCQESBGPRLPHYSWYRNDVPL 180
Db 121 NDRKEIDIVIELTVQVPTVPCGVPKAVPVGKMATLHCQESBGPRLPHYSWYRNDVPL 180
Qy 181 PTDSRANPRFNNSSFHNSSTGTLVFTAVHKDQSGQYCIASNDGASARCEQEMEVYDL 240
Db 181 PTDSRANPRFNNSSFHNSSTGTLVFTAVHKDQSGQYCIASNDGASARCEQEMEVYDL 240
Qy 241 NIGGIIGVAVLVAVLALITLIGICAYRRGYFINNKQDESYKPKGPDGVNVIITDEBG 300
Db 241 NIGGIIGVAVLVAVLALITLIGICAYRRGYFINNKQDESYKPKGPDGVNVIITDEBG 300
Qy 301 DFRHKSFEVI 310
Db 301 DFRHKSFEVI 310

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RESULT 4  
US-10-033-167-20

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/ Sequence 20, Application US/10033167
/ Publication No. US20020182618A1
/ GENERAL INFORMATION:
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Pan, James
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

```

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/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2930R1C10
/ CURRENT APPLICATION NUMBER: US/10/033,167
/ CURRENT FILING DATE: 2001-12-27
/ PRIOR APPLICATION NUMBER: 60/095,325
/ PRIOR FILING DATE: 1998-08-04
/ PRIOR APPLICATION NUMBER: 60/112,851
/ PRIOR FILING DATE: 1998-12-16
/ PRIOR APPLICATION NUMBER: 60/113,145
/ PRIOR FILING DATE: 1998-12-16
/ PRIOR APPLICATION NUMBER: 60/113,511
/ PRIOR FILING DATE: 1998-12-22
/ PRIOR APPLICATION NUMBER: 60/115,558
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/115,565
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/115,733
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/119,341
/ PRIOR FILING DATE: 1999-02-09
/ PRIOR APPLICATION NUMBER: 60/119,537
/ PRIOR FILING DATE: 1999-02-10
/ PRIOR APPLICATION NUMBER: 60/119,965
/ PRIOR FILING DATE: 1999-02-12
/ PRIOR APPLICATION NUMBER: 60/162,506
/ PRIOR FILING DATE: 1999-10-29
/ PRIOR APPLICATION NUMBER: 60/170,262
/ PRIOR FILING DATE: 1999-12-09
/ PRIOR APPLICATION NUMBER: 60/187,202
/ PRIOR FILING DATE: 2000-03-03
/ PRIOR APPLICATION NUMBER: PCT/US99/12252
/ PRIOR FILING DATE: 1999-06-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28634
/ PRIOR FILING DATE: 1999-12-01
/ PRIOR APPLICATION NUMBER: PCT/US99/28551
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US00/03565
/ PRIOR FILING DATE: 2000-02-11
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: PCT/US00/05841
/ PRIOR FILING DATE: 2000-03-02
/ PRIOR APPLICATION NUMBER: PCT/US00/08439
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: PCT/US00/14941
/ PRIOR FILING DATE: 2000-05-30
/ PRIOR APPLICATION NUMBER: PCT/US00/15264
/ PRIOR FILING DATE: 2000-06-02
/ PRIOR APPLICATION NUMBER: PCT/US00/32678
/ PRIOR FILING DATE: 2000-12-01
/ NUMBER OF SEQ ID NOS: 38
/ SEQ ID NO: 20
/ LENGTH: 310
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ US-10-033-167-20

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Query Match      100.0% Score 1637; DB 9; Length 310;
Best Local Similarity 100.0%; Pred. No. 9,66-108;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MLRRPRLRLCARLDPFLLLLFRCLLIGAVNLKSSNRPVVOEFESVELSCITIDSDQT 60
DB 1 MLRRPRLRLCARLDPFLLLLFRCLLIGAVNLKSSNRPVVOEFESVELSCITIDSDQT 60
QY 61 SPPRIWKKIOBQOTTVVFFDNKIQDLAGRAIILKTSIKTWNVTRRDSALYRCGVAR 120
DB 61 SPPRIWKKIOBQOTTVVFFDNKIQDLAGRAIILKTSIKTWNVTRRDSALYRCGVAR 120
QY 121 NDRKEIDEIVIELTVGVKPTVPCRVKAVPVGKMATLHGOESEGHPRPYISYRNDVPL 180
DB 121 NDRKEIDEIVIELTVGVKPTVPCRVKAVPVGKMATLHGOESEGHPRPYISYRNDVPL 180

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QY 181 PTDSRANPRFNSFSHLSNSETGLVFAVHKDSSQYCYCIASNDAGSARCEQEMEYVDL 240
DB 181 PTDSRANPRFNSFSHLSNSETGLVFAVHKDSSQYCYCIASNDAGSARCEQEMEYVDL 240
QY 241 NIGGIIGVLYLALITLIGICAYRRGYFINNKOGESYKNGKPDGVNYITDDEG 300
DB 241 NIGGIIGVLYLALITLIGICAYRRGYFINNKOGESYKNGKPDGVNYITDDEG 300
QY 301 DFRHKSFEVI 310
DB 301 DFRHKSFEVI 310

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RESULT 5
US-09-902-853-423
/ Sequence 423, Application US/09902853
/ Publication No. US20020192659A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltzen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kijavir, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/902,853
/ PRIOR FILING DATE: 2001-07-10
/ PRIOR APPLICATION NUMBER: US/09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565

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PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
Number of Prior Application data removed - See File Wrapper or PALM.
Number of SEQ ID NOS: 423
SEQ ID NO 423
LENGTH: 310
TYPE: PRT
ORGANISM: Homo Sapien
US-09-907-841-423

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Query Match 100.0%; Score 1637; DB 9; Length 310;
Best Local Similarity 100.0%; Pred. No. 9.6e-108;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MALRRPRLRLCARLPDFFLLLFRCGLIGAVNLKSSNRTPVVOEFESVELSCIITDSOT 60
QY 61 SDPRIEMKKIODEQTTVYFNDKIOGDLGRAEILGKTSLSKIWNTRDSALYRCEVVAR 120
DB 61 SDPRIEMKKIODEQTTVYFNDKIOGDLGRAEILGKTSLSKIWNTRDSALYRCEVVAR 120
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DB 121 NDRKIDIVIELTVQVPRVPCVPRKAVPVGKNAITLHCOSESGHPRHYSWYRNDVPL 180
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DB 181 PTDSANRFRNRSFHLNSETGLVFTAVHKDQGOYCIANDAGSARCEQEMEVYDL 240
QY 241 NIGGIIGVLVAVLALITLIGICCAVRRGYFINNKODESYKNGKPDGVNYIRTDSEB 300
DB 241 NIGGIIGVLVAVLALITLIGICCAVRRGYFINNKODESYKNGKPDGVNYIRTDSEB 300
QY 301 DFRHKSFEVI 310
DB 301 DFRHKSFEVI 310

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RESULT 9
US-09-904-011-423
Sequence 423, Application US/09904011
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.

```

```

APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,011
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
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PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR APPLICATION NUMBER: PCT/US99/21547
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PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 423
LENGTH: 310
TYPE: PRT
ORGANISM: Homo Sapien
US-09-904-011-423

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Query Match 100.0%; Score 1637; DB 9; Length 310;
Best Local Similarity 100.0%; Pred. No. 9.6e-108;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MALRRPRLRLCARLPDFFLLLFRCGLIGAVNLKSSNRTPVVOEFESVELSCIITDSOT 60
DB 1 MALRRPRLRLCARLPDFFLLLFRCGLIGAVNLKSSNRTPVVOEFESVELSCIITDSOT 60
QY 61 SDPRIEMKKIODEQTTVYFNDKIOGDLGRAEILGKTSLSKIWNTRDSALYRCEVVAR 120
DB 61 SDPRIEMKKIODEQTTVYFNDKIOGDLGRAEILGKTSLSKIWNTRDSALYRCEVVAR 120

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QY 121 NDRKEIDEIVELTVOKVPTVPCRVKAVPVGKMATLHCQESGHPHPRHYSWYRNDVPL 180  
DB 121 NDRKEIDEIVELTVOKVPTVPCRVKAVPVGKMATLHCQESGHPHPRHYSWYRNDVPL 180  
QY 181 PIDSRRANPPRRNSFFLNSETGTLVTTAVHKDSSGYCCIASNDAGSARCEQEMEYVDL 240  
DB 181 PIDSRRANPPRRNSFFLNSETGTLVTTAVHKDSSGYCCIASNDAGSARCEQEMEYVDL 240  
QY 241 NIGGIIIGVAVVAVALLTIGICCAVRRGYFINNKODGSYKPKGPGVNYIRTDDEG 300  
DB 241 NIGGIIIGVAVVAVALLTIGICCAVRRGYFINNKODGSYKPKGPGVNYIRTDDEG 300  
QY 301 DFRHKSFPVI 310  
DB 301 DFRHKSFPVI 310

RESULT 10  
US 028-072-538  
Application No. US20030004311A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang  
TITLE OF INVENTION:  
FILE REFERENCE:  
CURRENT APPLICATION NUMBER: US/10/028,072  
CURRENT FILING DATE: 2001-12-19  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062285  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062814

PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/062816  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063082  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063327  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063550  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063561  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063704  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063733  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063755  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/064248  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/064809  
PRIOR FILING DATE: 1997-11-07  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065846  
PRIOR FILING DATE: 1997-11-17  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066453  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066511  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/069212  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069334  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09

PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081695  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082999  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086414  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/086430  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088730  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088741  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090863  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982

PRIOR FILING DATE: 1998-07-07  
Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MALRRPRLRLCARLPDFLLLPFGCLIGAVNLKSNRRTPVOBFESVLSCTITDSQT 60  
DB 1 MALRRPRLRLCARLPDFLLLPFGCLIGAVNLKSNRRTPVOBFESVLSCTITDSQT 60  
QY 61 SDPRLEMKKIDQDQTTTFYPFNKIQGLDLAGRAELIGKSLKIMNTRDSDALYREYVAR 120  
DB 61 SDPRLEMKKIDQDQTTTFYPFNKIQGLDLAGRAELIGKSLKIMNTRDSDALYREYVAR 120  
QY 121 NDRKIDELIVLELTQVQKVPVPCVPAVPGKATLHCOSEBHPPHYSWYANDVPL 180  
DB 121 NDRKIDELIVLELTQVQKVPVPCVPAVPGKATLHCOSEBHPPHYSWYANDVPL 180  
QY 181 PTDSRANPRFNNSSPHLNSGTGLVFTAVHKDQSGQYCIASNDAGSARCEQEMEYVDL 240  
DB 181 PTDSRANPRFNNSSPHLNSGTGLVFTAVHKDQSGQYCIASNDAGSARCEQEMEYVDL 240  
QY 241 NIGGIIIGVLYLVAVLALITGICCAVNRGFIINNKGDESYKQPKRGDGVYITITDEG 300  
DB 241 NIGGIIIGVLYLVAVLALITGICCAVNRGFIINNKGDESYKQPKRGDGVYITITDEG 300  
QY 301 DFRHKSFTVI 310  
DB 301 DFRHKSFTVI 310  
RESULT 11  
US-09-906-742-423  
Sequence 423, Application US/09906742  
Publication No. US20030023054A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Borstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kiljavin, Ivar J.  
APPLICANT: Kijavini, Ivare J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/906,742  
PRIOR FILING DATE: 2001-07-16  
PRIOR APPLICATION NUMBER: 09/665,350  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/22089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-906-742-423

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MALRRPRLRLCARLPDFFLLLFRCGLIGAVNLKSSNRTPVQEFSEVLSCTITDSOT 60  
1 MALRRPRLRLCARLPDFFLLLFRCGLIGAVNLKSSNRTPVQEFSEVLSCTITDSOT 60  
61 SDPRIEMKKIOEQTYTFEDNKKIQGDLGRAEIIIGKTSIKIWNTRRDSALYRCVVAR 120  
61 SDPRIEMKKIOEQTYTFEDNKKIQGDLGRAEIIIGKTSIKIWNTRRDSALYRCVVAR 120  
121 NDRKEIDEIVIELTVQVKEVTPVCRVPAVPGKMATLHCQSEEGHPRPHYSWYRNDVPL 180  
121 NDRKEIDEIVIELTVQVKEVTPVCRVPAVPGKMATLHCQSEEGHPRPHYSWYRNDVPL 180  
181 PTDSRANPRFRNSSSHLNSSETGLVFTAVHKDSSQGYCCIASNDGASARCEQEMEYVDL 240  
181 PTDSRANPRFRNSSSHLNSSETGLVFTAVHKDSSQGYCCIASNDGASARCEQEMEYVDL 240  
241 NIGGIIGVLLVAVLALITLIGICCAVRRGYFINNKQDESYKNPKPGDVNYIRTDEEG 300  
241 NIGGIIGVLLVAVLALITLIGICCAVRRGYFINNKQDESYKNPKPGDVNYIRTDEEG 300  
301 DFRHKSSFYI 310  
301 DFRHKSSFYI 310

RESULT 12  
US-10-121-049-538  
Sequence 538, Application US/10121049  
Publication No. US20030022329A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura

APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P330R1C17  
CURRENT APPLICATION NUMBER: US/10/121,049  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 538  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-121-049-538

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MALRRPRLRLCARLPDFFLLLFRCGLIGAVNLKSSNRTPVQEFSEVLSCTITDSOT 60  
1 MALRRPRLRLCARLPDFFLLLFRCGLIGAVNLKSSNRTPVQEFSEVLSCTITDSOT 60  
61 SDPRIEMKKIOEQTYTFEDNKKIQGDLGRAEIIIGKTSIKIWNTRRDSALYRCVVAR 120  
61 SDPRIEMKKIOEQTYTFEDNKKIQGDLGRAEIIIGKTSIKIWNTRRDSALYRCVVAR 120  
121 NDRKEIDEIVIELTVQVKEVTPVCRVPAVPGKMATLHCQSEEGHPRPHYSWYRNDVPL 180  
121 NDRKEIDEIVIELTVQVKEVTPVCRVPAVPGKMATLHCQSEEGHPRPHYSWYRNDVPL 180  
181 PTDSRANPRFRNSSSHLNSSETGLVFTAVHKDSSQGYCCIASNDGASARCEQEMEYVDL 240  
181 PTDSRANPRFRNSSSHLNSSETGLVFTAVHKDSSQGYCCIASNDGASARCEQEMEYVDL 240  
241 NIGGIIGVLLVAVLALITLIGICCAVRRGYFINNKQDESYKNPKPGDVNYIRTDEEG 300  
241 NIGGIIGVLLVAVLALITLIGICCAVRRGYFINNKQDESYKNPKPGDVNYIRTDEEG 300  
301 DFRHKSSFYI 310  
301 DFRHKSSFYI 310

RESULT 13  
US-10-123-904-538  
Sequence 538, Application US/10123904  
Publication No. US20030022328A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria



APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C54  
CURRENT APPLICATION NUMBER: US/10/123, 904  
CURRENT FILING DATE: 2002-04-16  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 538  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-123-904-538

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9.6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MALRRPRLRLCARLPDFLLLRGCLIGAVNLKSNRTPVVOEFSEVELSCITTDST 60  
DB 1 MALRRPRLRLCARLPDFLLLRGCLIGAVNLKSNRTPVVOEFSEVELSCITTDST 60  
QY 61 SDPRIEMKKIODEQTTVYFNDKIQDLAGRAEILGKTSLKIMVTRRDSALYRCEVAR 120  
DB 61 SDPRIEMKKIODEQTTVYFNDKIQDLAGRAEILGKTSLKIMVTRRDSALYRCEVAR 120  
QY 121 NDRKEIDIVIELTVQVKVPTVPCRVKAVPVGKATLHCQESGHPHYSWYRNDVPL 180  
DB 121 NDRKEIDIVIELTVQVKVPTVPCRVKAVPVGKATLHCQESGHPHYSWYRNDVPL 180  
QY 181 PTDSRANRFRNSSPHLNSGTGLVFTAVHKDSCGYCIASNDAGSARCEQEMEYVDL 240  
DB 181 PTDSRANRFRNSSPHLNSGTGLVFTAVHKDSCGYCIASNDAGSARCEQEMEYVDL 240  
QY 241 NIGGIIGVVLVAVLALITLIGICAVYRGYFINNKQGESYKPKGPDGVNYIRTDSEG 300  
DB 241 NIGGIIGVVLVAVLALITLIGICAVYRGYFINNKQGESYKPKGPDGVNYIRTDSEG 300  
QY 301 DFRHKSFTVI 310  
DB 301 DFRHKSFTVI 310

RESULT 14  
US-09-538-470-538

Sequence 538, Application US/10140470  
Publication No. US20030022331A1  
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C160  
CURRENT APPLICATION NUMBER: US/10/140, 470

CURRENT FILING DATE: 2002-05-06  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 538  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-470-538

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9.6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MALRRPRLRLCARLPDFLLLRGCLIGAVNLKSNRTPVVOEFSEVELSCITTDST 60  
DB 1 MALRRPRLRLCARLPDFLLLRGCLIGAVNLKSNRTPVVOEFSEVELSCITTDST 60  
QY 61 SDPRIEMKKIODEQTTVYFNDKIQDLAGRAEILGKTSLKIMVTRRDSALYRCEVAR 120  
DB 61 SDPRIEMKKIODEQTTVYFNDKIQDLAGRAEILGKTSLKIMVTRRDSALYRCEVAR 120  
QY 121 NDRKEIDIVIELTVQVKVPTVPCRVKAVPVGKATLHCQESGHPHYSWYRNDVPL 180  
DB 121 NDRKEIDIVIELTVQVKVPTVPCRVKAVPVGKATLHCQESGHPHYSWYRNDVPL 180  
QY 181 PTDSRANRFRNSSPHLNSGTGLVFTAVHKDSCGYCIASNDAGSARCEQEMEYVDL 240  
DB 181 PTDSRANRFRNSSPHLNSGTGLVFTAVHKDSCGYCIASNDAGSARCEQEMEYVDL 240  
QY 241 NIGGIIGVVLVAVLALITLIGICAVYRGYFINNKQGESYKPKGPDGVNYIRTDSEG 300  
DB 241 NIGGIIGVVLVAVLALITLIGICAVYRGYFINNKQGESYKPKGPDGVNYIRTDSEG 300  
QY 301 DFRHKSFTVI 310  
DB 301 DFRHKSFTVI 310

RESULT 15  
US-09-906-838-423

Sequence 423, Application US/09906838  
Publication No. US20030027143A1  
GENERAL INFORMATION:

APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geiber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Macher, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/906, 838  
CURRENT FILING DATE: 2001-07-16

Job time : 19 secs

PRIOR APPLICATION NUMBER: 09/665,350  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO: 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-906-838-423

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MALRRPRLRLCRLDPDFLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCITITDSQT 60  
DB 1 MALRRPRLRLCRLDPDFLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCITITDSQT 60  
QY 61 SDPRIMKKIODEBQTYVFFDNKIOGDLGRAEILGKTSIKINWTRRDSALYRCEVAR 120  
DB 61 SDPRIMKKIODEBQTYVFFDNKIOGDLGRAEILGKTSIKINWTRRDSALYRCEVAR 120  
QY 121 NNRKEIDEIVIELTVGVKVPYVCAVPVGMATLHCQSESGHPRPHYSWYRNDVPL 180  
DB 121 NNRKEIDEIVIELTVGVKVPYVCAVPVGMATLHCQSESGHPRPHYSWYRNDVPL 180  
QY 181 PIDSRRNPRFRNSSFLNSETGTLVTAHKDSSGOYYCIASNDAGSARCEQEMEVYDL 240  
DB 181 PIDSRRNPRFRNSSFLNSETGTLVTAHKDSSGOYYCIASNDAGSARCEQEMEVYDL 240  
QY 241 NIGGIIGVVLVAVLALITLIGICAYRRGYFINNKODGESYKPGKPDGVNIRTDEEG 300  
DB 241 NIGGIIGVVLVAVLALITLIGICAYRRGYFINNKODGESYKPGKPDGVNIRTDEEG 300  
QY 301 DFRHKSSFVI 310  
DB 301 DFRHKSSFVI 310

Search completed: June, 7, 2003, 09:46:50

GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: June 7, 2003, 09:37:27 ; Search time 12.5 seconds  
(without alignments)  
729,688 Million cell updates/sec

Title: US-09-524-531c-15

Perfect score: 1637

Sequence: 1 MALRRPRLRLCARLPDFLL.....VNYRTDERGDFRHKSSFVI 310

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents, AA:\*  
1: /cgn2\_6/prodata/1/1aa/5A\_COMB.pep:\*  
2: /cgn2\_6/prodata/1/1aa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/1/1aa/6A\_COMB.pep:\*  
4: /cgn2\_6/prodata/1/1aa/6B\_COMB.pep:\*  
5: /cgn2\_6/prodata/1/1aa/ECTUS\_COMB.pep:\*  
6: /cgn2\_6/prodata/1/1aa/Backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	481	29.4	298	4	US-09-152-060-76
2	461.5	28.2	312	4	US-09-254-465A-9
3	457.5	27.9	300	4	US-09-254-465A-10
4	424	25.9	299	4	US-09-188-930-331
5	424	25.9	299	4	US-09-462-270-2
6	424	25.9	299	4	US-09-254-465A-1
7	412	25.2	299	4	US-09-188-930-189
8	392.5	24.0	260	4	US-09-254-465A-23
9	392.5	24.0	263	4	US-09-254-465A-25
10	288	17.6	205	4	US-09-462-270-4
11	228.5	14.0	319	1	US-08-597-495B-22
12	228.5	14.0	319	4	US-09-068-051A-22
13	228.5	14.0	319	4	US-09-336-536-67
14	228.5	14.0	319	4	US-09-336-536-67
15	217.5	13.3	270	4	US-09-254-465A-6
16	217.5	13.3	273	4	US-09-254-465A-24
17	215.5	13.2	318	4	US-09-254-465A-26
18	197.5	12.1	387	4	US-09-068-051A-32
19	173.5	10.6	370	4	US-09-175-928-2
20	173.5	10.6	370	4	US-09-336-536-28
21	169.5	10.4	394	4	US-09-336-536-39
22	167	10.2	390	2	US-08-979-424-1
23	166.5	9.9	365	4	US-09-336-536-40
24	162.5	9.9	341	4	US-09-336-536-29
25	160.5	9.8	365	4	US-09-336-536-31
26	159.5	9.7	365	4	US-08-928-383B-2
27	159.5	9.7	365	4	US-08-979-424-3
					Sequence 2, Appli

28	157.5	9.6	1101	3	US-08-986-485-2	Sequence 2, Appli
29	155.5	9.5	249	4	US-09-336-536-42	Sequence 42, Appli
30	155.5	9.5	612	2	US-08-752-307B-11	Sequence 11, Appli
31	155.5	9.5	612	4	US-09-707-802-11	Sequence 11, Appli
32	155.5	9.5	612	4	US-09-991-326-11	Sequence 11, Appli
33	155.5	9.5	1268	4	US-08-506-296B-28	Sequence 28, Appli
34	154	9.4	1501	2	US-08-447-464-3	Sequence 3, Appli
35	154	9.4	1501	2	US-08-716-679-3	Sequence 3, Appli
36	153	9.3	1651	4	US-09-540-245A-18	Sequence 18, Appli
37	152.5	9.3	869	1	US-08-374-834-16	Sequence 16, Appli
38	152.5	9.3	869	2	US-08-644-271-29	Sequence 29, Appli
39	152.5	9.3	869	4	US-09-077-955-33	Sequence 33, Appli
40	152	9.3	95	4	US-08-928-383B-18	Sequence 18, Appli
41	150.5	9.2	698	2	US-08-602-725-36	Sequence 36, Appli
42	150.5	9.2	734	2	US-08-389-459A-17	Sequence 17, Appli
43	150.5	9.2	734	3	US-08-987-867A-23	Sequence 23, Appli
44	147	9.0	365	4	US-08-928-383B-23	Sequence 23, Appli
45	147	9.0	365	4	US-08-928-383B-24	Sequence 24, Appli

## ALIGNMENTS

RESULT 1

US-09-152-060-76

Sequence 76, Application US/09152060

Patent No. 6448230

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: 28 Human Secreted Proteins

FILE REFERENCE: P2003P1 US

CURRENT APPLICATION NUMBER: US/09/152,060

CURRENT FILING DATE: 1998-09-11

EARLIER APPLICATION NUMBER: PCT/US98/04858

EARLIER FILING DATE: 1998-03-12

EARLIER APPLICATION NUMBER: 60/040,762

EARLIER FILING DATE: 1997-03-14

EARLIER APPLICATION NUMBER: 60/040,710

EARLIER FILING DATE: 1997-03-14

EARLIER APPLICATION NUMBER: 60/050,934

EARLIER FILING DATE: 1997-05-30

EARLIER APPLICATION NUMBER: 60/048,100

EARLIER FILING DATE: 1997-05-30

EARLIER APPLICATION NUMBER: 60/048,357

EARLIER FILING DATE: 1997-05-30

EARLIER APPLICATION NUMBER: 60/048,189

EARLIER FILING DATE: 1997-05-30

EARLIER APPLICATION NUMBER: 60/057,765

EARLIER FILING DATE: 1997-09-05

EARLIER APPLICATION NUMBER: 60/048,970

EARLIER FILING DATE: 1997-06-06

EARLIER APPLICATION NUMBER: 60/068,368

EARLIER FILING DATE: 1997-12-19

NUMBER OF SEQ ID NOS: 118

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 76

LENGTH: 298

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: SITE

LOCATION: (42)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

FEATURE:

NAME/KEY: SITE

LOCATION: (58)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

US-09-152-060-76

Query Match

Beet Local Similarity 29.4%, Score 481, DB 4, Length 298,

Matches 114, Conservative 60, Mismatches 116, Indels 28, Gaps 10,

Qy 1 MLARPPRIJLCAJLPEFLLIFPGCLIG-----AVULKSNSTPVMQ--EFSVSLSC 53  
 1 MARSRHRL-----LILLRLYLVALGYNHAYGFSAPKXQOQVYLVAVXGEALLAC 50  
 Qy 54 IITDSOTSPRIEMKKIDQEOITYTFEPNKLQGLAGLAELIGKTSLKIMVTRDSALY 113  
 Db 51 -KTPKPTXVSRLEWKKL--GRSVFPYYQOOLQGDKNNAEMI--DFNRIKIVTRSDXGKY 1077  
 Qy 114 RCEVVAARNR--KEIDEIVIELTVQKRPVTPVCRVPAKPAVPMKATLHCQSEEGHPREHS 172  
 Db 108 RCEVSAFSPQGNLEEDVTLEVLVAAPVSCVPSALSSTGVLELNCQDKEGNAPREYT 167  
 Qy 173 WIRANDVPLETDSBRANPRFRNSSFPLANSETGTLVFLAHHKDSGOYYCIASNDAGSACEE 232  
 Db 168 WFDGDIRLLENPLRQSOSTNSSYTNWTKTGLQFVYASKDJTGEXSEARNSVGYRCPG 227  
 Qy 233 QEMEVVDNLINGIGIGVLVLAVALITLGLICCAARSGYFINKNKODESYNPKPGRGVN 292  
 Db 228 KRMQVVDNLINSGIJAIVVVVALVIVSGGLGYCAQRKGYF--SKE--TSFQ--KSNSSS 280  
 Qy 293 YIRTEEGDPFRKHSFVI 310  
 Db 281 KATTMSENDPKTKTSFII 298

```

RESULT 2
US-09-254-465A-9
/ Sequence 9, Application US/09254465A
/ Patent No. 6410708
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Aghkenazi, Avi J.
/ APPLICANT: Fong, Sherman
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
/ OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
/ FILE REFERENCE: P1216R1 (US)
/ CURRENT APPLICATION NUMBER: US/09/254,465A
/ CURRENT FILING DATE: 1999-03-05
/ PRIOR APPLICATION NUMBER: PCT/US98/24855
/ PRIOR FILING DATE: 1998-11-20
/ PRIOR APPLICATION NUMBER: US 60/066,364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: US 60/078,936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: PCT/US98/19437
/ PRIOR FILING DATE: 1998-09-17
/ NUMBER OF SEQ ID NOS: 30
/ SEQ ID NO 9
/ LENGTH: 312
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-254-465A-9

Query Match      28.2%; Score 461.5; DB 4; Length 312;
Best Local Similarity 37.1%; Pred. No. 4,5e-39;
Matches 104; Conservative 52; Mismatches 103; Indels 21; Gaps 7

QY 1 MALRRPRRLCARLPDFLLLPFGCLIG-----ANVLKSNRTPVQ--EFESVELSC 53
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1 MARSRHRL-----LILLRLYLVALGHHAYGFSAPKQOQVTVAVYEALAC 50

QY 54 IITDSQSPRIEMKKIODEQTTVYFPDNKIQGLDIAEILGKTSLKIMVTRDSALY 113
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 51 -KTPKKTIVSRLEWKTL-GRSVSPFYVOOTLQGFKNNAEMI-DENIRIKVTRSDAGKY 107

QY 114 RGVVARNRD-KEIDIEIVLETVQYKPTVPCRVKAPVCKMATLTCQSESGHPRHYS 172
    * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 108 RGVVASPSEGGQLEEDDTTLEVLAVAPVSCVSPSASTGVLELRQDQEGNPAEYTT 167

```

QY	Db
173 WYRNDVPLETDRAPRPNRNSFHLNISTGLVTAHAKDSQGYCIASNDGSAACEE 232	168 WFKDGIIRLENPRLSQSTNSYTMNKTGTLQENTVSKLDTGSEYCEANNSGYRRCPC 227
233 QMEVYDNTIGGIIGVYLVALYALIRLIGCCAYRRGYF 272	228 KEMQVDLNTISGILAAVYVALVTSVCGAGVCIQRKGYF 267

```

RESULT 3
US-09-254-465A-10
: Sequence 10, Application US/09254465A
: Patent No. 6410708
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi J.
: APPLICANT: Fong, Sherman
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Napier, Mary A.
: APPLICANT: Tomas, Daniel
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
: OF DISEASES CHARACTERIZED BY A33-RELATED ANTIGENS
: FILE REFERENCE: P1216R(US)
: CURRENT APPLICATION NUMBER: US/09/254,465A
: PRIOR FILING DATE: 1999-03-05
: PRIOR APPLICATION NUMBER: PCT/US98/24855
: PRIOR FILING DATE: 1998-11-20
: PRIOR APPLICATION NUMBER: US 60/066,364
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: US 60/078,936
: PRIOR FILING DATE: 1998-03-20
: PRIOR APPLICATION NUMBER: PCT/US98/19437
: PRIOR FILING DATE: 1998-09-17
: NUMBER OF SEQ ID NOS: 30
: SEQ ID NO 10
: LENGTH: 300
: TYPE: PRT
: ORGANISM: Mus musculus
: US-09-254-465A-10

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Query Match      27.9%  Score 457.5;  DB 4;  Length 300;
Best Local Similarity 35.6%;  Pred. No. 1,1e-38;
Matches 106;  Conservative 56;  Mismatches 121;  Indels 15;  Gaps 77;

QY      LLLLFREGCLIGAV-----NLKSNRTPVVOEFESVELESCITLTDSDPRIEMKKIOEQ 74
      |||  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  |||
Db      LLPLFTSMILGSLVGQKGSVYTAQSDQVQENESIKLTC--TYSGFSSPRKEMKVFQST 68
      |||  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  |||

QY      75  TTYVFPDNKIQGDLAGRAELIGKTSLEKIMVTRDSALYRCEVVAARNDKEIDEIVIELT 134
      |||  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  |||
Db      69  TALVCVNSQITAPYADRV-TFSSGGLTFSSVTRKDNQEYTC-MVSEEGQVYGEVSIHLT 126
      |||  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  |||

QY      135  VQKRPVTPVCKRPAKAVGVGKMAITHCQSESECHPEPHYSWRANDVLP-LDSRANPRFNS 193
      |||  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  |||
Db      127  VLVPSPKPTLSVPSBSVYTIKNRAVYLTCSEHDSGPSEKSWFEDGISMLTADAKKTRAFMNS 186
      |||  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  |||

QY      194  SFPHNSEGTGLVFAVYAKKDSGOVYVCLASNDAGSA-RCEQEMEVYDLNIGIITGGVYLV 252
      |||  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  |||
Db      187  SFITDPSGDLIFEPYTAFPDSGEYVCAQONGYGTAMRSEAAHMAVALNVCGIYAAVLVT 246
      |||  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  |||

QY      253  LAVALATITLIGCAYRGRGYFINNKODESEYKNPKRPGVGVYIRTDESGDFPHKKSFVI 310
      |||  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  |||
Db      247  LILGLLIFGVWFRAYSNGYFETTKG---TAPKQKIYISQPSIRSGEGFQOTSSFLV 300
      |||  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  ::::  |||

RESULT 4
US-09-188-930-331
; Sequence 331, Application US/09188930A
; Patent No. 6150502
GENERAL INFORMATION:

```

APPLICANT: Watson, James D.  
APPLICANT: Strachan, Lorna  
APPLICANT: Sleeman, Matthew  
APPLICANT: Onrust, Rene  
APPLICANT: Morrison, James Greg  
TITLE OF INVENTION: Compositions Isolated From Skin Cells  
FILE REFERENCE: 11000.1011c1  
CURRENT APPLICATION NUMBER: US/09/188,930A  
CURRENT FILING DATE: 1998-11-09  
NUMBER OF SEQ ID NOS: 348  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 331  
LENGTH: 299  
TYPE: PRT  
ORGANISM: Human  
US-09-188-930-331

Query Match 25.9%; Score 424; DB 4; Length 299;  
Best Local Similarity 32.8%; Pred. No. 2.9e-35;

Matches 101; Conservative 48; Mismatches 137; Indels 22; Gaps 7;

QY 8 RLRLCARLPDPFLLLPFRGCLIGAVNLKSSNRTPVVOEFESVELSCITDSDPRIEW 67  
DB 9 RLRLCL-----FILAILCSLALGSVTVHSSSEPEVRIPENNPVKLSGAY--SGFSSPVIEW 62  
QY 68 KKIODEQTYVPFNKIOGDLAGRAEILGKTSKIMWTRDSALYRCVAVARNDREID 127  
DB 63 KFDGDDTTLVCCYNNKKTASVEDRVTFL-PTGITFKSVTRBDTGYTC-MVSEEGNSYG 120  
QY 128 EIVIELTVQVKEVTPVPCVPAVPGKATLHCOSEBEGPHRPHYSWYRNDVLPDTSRAN 187  
DB 121 EVKVKLIVLPSPKPTVINIPSSATIGNRAVLTCSGDDSPSEYTWFKDGIWPTNPST 180  
QY 188 PRFRSSFHLSSETGLVFTAVHKDSCGYTCIASNDGASARCEQ-EWEYVDLNIIGIT 246  
DB 181 RAFNSSYLVNPTTGEVLFDPLASDTGEYSCEARNGVGTPTSNAVMEAVERRVGVIV 240  
QY 247 GGVVLVAVLALITIGICAYRGYFINNKODGS-----YKPKGPDGVNIRIDEDDF 302  
DB 241 AAVLVTLLILGILVFGIMFAYSRGHPDRTKGTSSKVIYQPS-----ARSEGEF 291  
QY 303 RHKSSFVI 310  
DB 292 KOTSSFLV 299

US-09-462-270-2  
Sequence 2, Application US/09462270

GENERAL INFORMATION:  
APPLICANT: SmithKline Beecham Corporation  
TITLE OF INVENTION: Human F11 Antigen: A Cell Surface  
FILE REFERENCE: GH-70150US  
CURRENT APPLICATION NUMBER: US/09/462,270  
CURRENT FILING DATE: 2000-01-05  
PRIOR APPLICATION NUMBER: 60/052,186  
PRIOR FILING DATE: 1997-07-10  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 2  
LENGTH: 299  
TYPE: PRT  
ORGANISM: HOMO SAPIENS  
US-09-462-270-2

Query Match 25.9%; Score 424; DB 4; Length 299;  
Best Local Similarity 32.8%; Pred. No. 2.9e-35;

Matches 101; Conservative 48; Mismatches 137; Indels 22; Gaps 7;

QY 8 RLRLCARLPDPFLLLPFRGCLIGAVNLKSSNRTPVVOEFESVELSCITDSDPRIEW 67

DB 9 RLRLCL-----FILAILCSLALGSVTVHSSSEPEVRIPENNPVKLSGAY--SGFSSPVIEW 62  
QY 68 KKIODEQTYVPFNKIOGDLAGRAEILGKTSKIMWTRDSALYRCVAVARNDREID 127  
DB 63 KFDGDDTTLVCCYNNKKTASVEDRVTFL-PTGITFKSVTRBDTGYTC-MVSEEGNSYG 120  
QY 128 EIVIELTVQVKEVTPVPCVPAVPGKATLHCOSEBEGPHRPHYSWYRNDVLPDTSRAN 187  
DB 121 EVKVKLIVLPSPKPTVINIPSSATIGNRAVLTCSGDDSPSEYTWFKDGIWPTNPST 180  
QY 188 PRFRSSFHLSSETGLVFTAVHKDSCGYTCIASNDGASARCEQ-EWEYVDLNIIGIT 246  
DB 181 RAFNSSYLVNPTTGEVLFDPLASDTGEYSCEARNGVGTPTSNAVMEAVERRVGVIV 240  
QY 247 GGVVLVAVLALITIGICAYRGYFINNKODGS-----YKPKGPDGVNIRIDEDDF 302  
DB 241 AAVLVTLLILGILVFGIMFAYSRGHPDRTKGTSSKVIYQPS-----ARSEGEF 291  
QY 303 RHKSSFVI 310  
DB 292 KOTSSFLV 299

RESULT 6  
US-09-254-465A-1  
Sequence 1, Application US/09254465A

Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Mary A.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33-RELATED ANTIGENS  
FILE REFERENCE: P1216R1(US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
CURRENT FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 1  
LENGTH: 299  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-1

Query Match 25.9%; Score 424; DB 4; Length 299;  
Best Local Similarity 32.8%; Pred. No. 2.9e-35;

Matches 101; Conservative 48; Mismatches 137; Indels 22; Gaps 7;

QY 8 RLRLCARLPDPFLLLPFRGCLIGAVNLKSSNRTPVVOEFESVELSCITDSDPRIEW 67  
DB 9 RLRLCL-----FILAILCSLALGSVTVHSSSEPEVRIPENNPVKLSGAY--SGFSSPVIEW 62  
QY 68 KKIODEQTYVPFNKIOGDLAGRAEILGKTSKIMWTRDSALYRCVAVARNDREID 127  
DB 63 KFDGDDTTLVCCYNNKKTASVEDRVTFL-PTGITFKSVTRBDTGYTC-MVSEEGNSYG 120  
QY 128 EIVIELTVQVKEVTPVPCVPAVPGKATLHCOSEBEGPHRPHYSWYRNDVLPDTSRAN 187  
DB 121 EVKVKLIVLPSPKPTVINIPSSATIGNRAVLTCSGDDSPSEYTWFKDGIWPTNPST 180

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QY 188 PRFNSSSHNLSECTGLVFTAVHKDSDGQYCIASNDAGSARCEQD-EMEYVDLNIIGII 244
Db 181 RAFNSSSVLNPFTTGELVFPDLSADDTGEYSCEANNGYCTPMTSNARMEAVERNVGVIV 240
QY 247 GGVVLVLAVALLITLIGICCAVRGGYFINNKQDGS---YKNPGKPDGVNVIARTDEGDF 302
Db 241 AAVVLTLLILGLVGIWFAVSRGHFDRTKGTSSKVIYSQPS-----ARSGEHF 291
QY 303 RHRSSFVI 310
Db 292 KQTSSEFLV 299

RESULT 7
US-09-188-930-189
Sequence 189, Application US/09188930A
Patent No. 6150502
GENERAL INFORMATION:
APPLICANT: Watson, James D.
APPLICANT: Strechan, Lorna
APPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Muirson, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin Cells
FILE REFERENCE: 11000.1011c1
CURRENT APPLICATION NUMBER: US/09/188, 930A
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 189
LENGTH: 299
TYPE: PRT
ORGANISM: Human
FEATURE:
NAME/KEY: UNSURE
LOCATION: (247)...(247)
NAME/KEY: UNSURE
LOCATION: (289)...(289)
US-09-188-930-189

Query Match
Best Local Similarity 32.1%; Pred. No. 4, 9e-34;
Matches 99; Conservative 48; Mismatches 139; Indels 22; Gaps 7
25.2%; Score 412; DB 4; Length 299;

QY 8 RLRLCARLPDFELLFRGCLIGAVNLKSNRTPVQEFESVELSCITDSDPRIEW 67
Db 9 RKLCLL-----FILALLTCSLALGSVTHSSBEVRHIPPENNPVKLSQAY--SGFSSPRVEM 62
QY 68 KKIODEQTYVFPDNKIGDLAGRAEILCKTSLLKMTNTRBSALRYCEVARNRKEID 127
Db 63 KPDGDDTRLVCCYNKKITASTYEDRTFL-PTGITRKSIVREDTGYTC-MVSEEGNSYG 120
QY 128 EIVLELTVQVCPVPCVRKPAVPVQKMATLHCOSEGHPRPHYSWYRNDVLPPTDSRAN 187
Db 121 EVKRLVLVPPSKPTVNIIPSSATIGNRAVLTCSEODGSPPSEYTFKGIWPTNPXST 180
QY 188 PRFNSSSHNLSECTGLVFTAVHKDSDGQYCIASNDAGSARCEQD-EMEYVDLNIIGII 246
Db 181 RAFNSSSVLNPFTTGELVFPDLSADDTGEYSCEANNGYCTPMTSNARMEAVERNVGVIV 240
QY 247 GGVVLVLAVALLITLIGICCAVRGGYFINNKQDGS---YKNPGKPDGVNVIARTDEGDF 302
Db 241 AAVVLTLLILGLVGIWFAVSRGHFDRTKGTSSKVIYSQPS-----ARSGEHF 291
QY 303 RHRSSFVI 310
Db 292 KQTSSEFLV 299

RESULT 8
US-09-254-465A-23
Sequence 23, Application US/09254465A

```

```

Patent No. 6410708
: GENERAL INFORMATION
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi J.
: APPLICANT: Fong, Sherman
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Napier, Mary A.
: APPLICANT: Thomas, Daniel I.
: TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
: FILE REFERENCE: P1216R1 (US)
: CURRENT APPLICATION NUMBER: US/09/254,465A
: CURRENT FILING DATE: 1999-03-05
: PRIOR APPLICATION NUMBER: PCT/US98/24855
: PRIOR FILING DATE: 1998-11-20
: PRIOR APPLICATION NUMBER: US 60/066,364
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: US 60/078,936
: PRIOR FILING DATE: 1998-03-20
: PRIOR APPLICATION NUMBER: PCT/US98/19437
: PRIOR FILING DATE: 1998-09-17
: NUMBER OF SEQ ID NOS: 30
: SEQ ID NO 23
: LENGTH: 260
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-254-465A-23

Query Match          24.0%; Score 392.5; DB 4; Length 260;
Best Local Similarity 34.4%; Pred. No. 4e-32;
Matches 88; Conservative 43; Mismatches 120; Indels 5; Gaps 4;

QY 29 IGAVNLIKSNRTVVOEFESVELSCITTDSDPRIEMKKIODEOTTVFFDNKIQGL 88
Db 3 LGSVTHASSPEVRIPENNVKLSCAV--SGFSPREKMFDDGDTIRLVYNNKIRASY 60

QY 89 AGRAELIKTSLKIMVTRDSALYRCEVVAANDRKEIDEIVLETVQVXPVPCVPEK 148
Db 61 EDRVTFPLPGITFKSVTRDGTGYTC-MVSEEGNSYGEVKVLLVLPSPKRTVNI 118

QY 149 AVGVGKMATLCOESEHPHPHSWTRNDVPLPTDSANRFPNSSPHLNSGCTVFTA 208
Db 119 SATTGNRAVLTGCEQDSSPSEYTWFDGIVMPTNPKSTRAFSSSYVLNPTGELVDP 178

QY 209 VHKDDSGQVYCINSDAGSARCEQ-EMEYVDINIGIIGVVLVLAFLITGICCAV 267
Db 179 LMSADTGEYSCENRNGCTMTSNVAMENAVENGVIAVAVLTLILGLIVGIMFAY 238

QY 268 RRGYFINNKQDGEYSYK 283
Db 239 SRGHFDRTKKGTSSKK 254

RESULT 9
US-09-254-465A-25
: Sequence 25, Application US/09254465A
: Patent No. 6410708
: GENERAL INFORMATION
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi J.
: APPLICANT: Fong, Sherman
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Napier, Mary A.
: APPLICANT: Thomas, Daniel I.
: TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
: FILE REFERENCE: P1216R1 (US)
: CURRENT APPLICATION NUMBER: US/09/254,465A
: CURRENT FILING DATE: 1999-03-05

```

PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 25  
LENGTH: 263  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-25

Query Match 24.0%; Score 392.5; DB 4; Length 263;  
Best Local Similarity 34.4%; Pred. No. 4e-32; Indels 5; Gaps 4;  
Matches 88; Conservative 43; Mismatches 120;  
QY 29 IGAVNLKSSNRTPVQEFSEVELSCITTSQSDPRIEMKKIQDEQTYVFPDNKIQGDL 88  
DB 6 LGSVTVHSEPEPRIPENNPKLSCAY--SGFSPRVEKFKDQDITRLVCNNKITY 63  
QY 89 AGRAILGKTSIKIMVTRDSALYRCVAVARNDKEIDEIVIELTVQVPTVCRVPRK 148  
DB 64 EDRTVPL-PTGITFKSVTRDGTGYTC-WVSEEGNSYGEVKKLIVLPSPKPTVNIDS 121  
QY 149 AVPVCKMATLHCQESGHPHYSWRNVPPLPTDSRANPRPNSSPHLNSETGTVFA 208  
DB 122 SATIGNRAVLTCSEODGSPSEYTWKDEIWMPTNKSTRASNSSYVLPPTGELVFP 181  
QY 209 VHKDSCGYQYCIASNDAGSARCEQ-EMEVDINIGIIGVLYVAVALITLIGICAY 267  
DB 182 LSAIDTGERSCARGCYGTPMNSNAVRNVAIVYLAVALITLIGILVFGIMFAY 241  
QY 268 RRGVFINNKQGESYK 283  
DB 242 SRGHFDRTKGTSSKK 257

RESULT 10  
US-09-462-270-4  
Sequence 4, Application US/09462270  
Patent No. 6358707  
GENERAL INFORMATION:  
APPLICANT: SmithKline Beecham Corporation  
TITLE OF INVENTION: Human FII Antigen: A Cell Surface  
ROLE OF INVENTION: Receptor Involved in Platelet Aggregation  
REFERENCE: GH-70150US  
CURRENT APPLICATION NUMBER: US/09/462,270  
CURRENT FILING DATE: 2000-01-05  
PRIOR APPLICATION NUMBER: 60/052,186  
PRIOR FILING DATE: 1997-07-10  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 4  
LENGTH: 205  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-462-270-4

Query Match 17.6%; Score 288; DB 4; Length 205;  
Best Local Similarity 33.7%; Pred. No. 1.4e-21;  
Matches 67; Conservative 32; Mismatches 92; Indels 8; Gaps 4;  
QY 8 RRLCARLPDFLLFRGCLIGAVNLKSSNRTPVQEFSEVELSCITTSQSDPRIEM 67  
DB 9 RLTLCL----FILAILCSIALGVSIVHSSBPERRIPENNPKLSCAY--SGFSPRYEM 62  
QY 68 KRIQDEQTYVFPDNKIQGDLGRAEILKTSIKIMVTRDSALYRCVAVARNDKEID 127  
DB 63 KFDQDITRLVCNNKITYSDRTVPL-PTGITFKSVTRDGTGYTC-WVSEEGNSYK 120

QY 128 EIVIELTVQVKEVTPVCRVAVARNDKEIDEIVIELTVQVPTVCRVPRK 187  
DB 121 EVKXVLIVLPSPKPTVNIPSSATIGNRAVLTCSEODGSPSEYTWKDEIWMPTNK 180  
QY 188 PRFNSSPHLNSETGTVF 206  
DB 181 RAFNSSYVLPPTGELVF 199

RESULT 11  
US-08-597-495B-22  
Sequence 22, Application US/08597495B  
Patent No. 5712369  
GENERAL INFORMATION:  
APPLICANT: Old, Lloyd J.; Well, Sydney; Ritter, Gerd;  
APPLICANT: Simpson, Richard J.; Nice, Edward; Moritz, R. L.;  
APPLICANT: Catline, B. J.; Hong, Burgess, Anthony W.;  
APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, Cameron  
TITLE OF INVENTION: Colon Cell And Colon Cancer Cell  
TITLE OF INVENTION: Associated Nucleic Acid Molecules, Protein And Peptides  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felte & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/597,495B  
FILING DATE: 02-Feb-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/511,876  
FILING DATE: 04-Aug-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 5712369man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5316.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 319 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
US-08-597-495B-22

Query Match 14.0%; Score 228.5; DB 1; Length 319;  
Best Local Similarity 25.7%; Pred. No. 3.2e-15;  
Matches 79; Conservative 49; Mismatches 128; Indels 51; Gaps 14;  
QY 29 IGAVNLKSSNRTPVQEFSEVELSCITTSQSDPRIEMKKIQDEQTYVFPDNK 83  
DB 19 VDAISVTPQVPLRASQGSVTLPTVHTSTSSREGLIQMDKLLTHTERVVIMPFNSKN 78  
QY 84 -IQGDL-----AGRAILGKTSIKIMVTRDSALYRCVAVARNDKEIDEIVIELTV 135  
DB 79 YIHGELYNRVVISINNAE-QSDASITTDQLTMAUNGTECVSLMSDLEGNTKSRVLLV 137  
QY 136 QVQPTVPCRVKAVPVCKMATLHCQESGHPHYSWRNVPPLPTDSRANPRF 190  
DB 138 LVPEKPECGIEGTHIINNTQTCQSGSPITQYSKRNIIINQDEQPLAQASGQF-- 195  
QY 191 RNSFPHLNSETGTVFAVHKDSCGYQYCIASNDAGSARCE-EMEVDINIG--GIT 246  
DB 196 -----VSLKNISTDTSGYYICTSSNEGTQFCNITVAVRSPSMVALYVGA 242





APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
FILE REFERENCE: P1216R1 (US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
PRIOR FILING DATE: 1998-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 6  
LENGTH: 319  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-6

Query Match 14.0%; Score 228.5; DB 4; Length 319;  
Best Local Similarity 25.7%; Pred. No. 3.2e-15;  
Matches 79; Conservative 49; Mismatches 128; Indels 51; Gaps 14;

QY 29 IGAVNLKSNRTPVQEFESVLSCTI-TDSQTSDPRIEMKKIQDEQTYV---FDNK- 83  
DB 19 VDAISVETPODVLRAQSGSVTLPTCTHTSTSSREGLIQMDKLLTHTRVVIWPFSSKN 78  
QY 84 -IOGDL-----AGRAELIGKTSLKIMVTRRDSALYRCEVVARNDREIDEIVIELTV 135  
DB 79 YIHGELYKNRVSISNNAE-QSDASITIDQLTMAADNGTECSVLSMDLEGNTKSRRLV 137  
QY 136 QKPVTPVCRVPKAVPVGKMATLHCQSESGHPRPHYSWYRNDV-----PLPTDSRANPRF 190  
DB 138 LVPPSKPECGIEGETIIGNNIQLTCSKESGPTPOYSWKRYNLIHQEQLAQAGPAGQP-- 195  
QY 191 RNSSFHLNSETGLVFTVAHKDQSGQYCIASNDGASACE-EQEMEVYDLNIG--GII 246  
DB 196 -----VSLKNISTDTSGYICTSSNEGTGFCNITVAVRSPSNVVALYVIGIA 242  
QY 247 GSVLVLAVALITLIGICAVRGYFIN--NKODG-----ESYKNPGKPGVNYI--RTDE 298  
DB 243 VGVAALITIGIITICCC---RGKDDNTEDKEDARPRAREYBP--PEQLRELISREBE 297  
QY 299 EGDPRHK 305  
DB 298 EDDYRQE 304

RESULT 15  
US-09-254-465A-24  
Sequence 24, Application US/09254465A  
Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Auelin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
FILE REFERENCE: P1216R1 (US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
PRIOR FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364

PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 24  
LENGTH: 270  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-24

Query Match 13.3%; Score 217.5; DB 4; Length 270;  
Best Local Similarity 26.0%; Pred. No. 3.3e-14;  
Matches 74; Conservative 43; Mismatches 121; Indels 47; Gaps 12;

QY 29 IGAVNLKSNRTPVQEFESVLSCTI-TDSQTSDPRIEMKKIQDEQTYV---FDNK- 83  
DB 5 VDAISVETPODVLRAQSGSVTLPTCTHTSTSSREGLIQMDKLLTHTRVVIWPFSSKN 64  
QY 84 -IOGDL-----AGRAELIGKTSLKIMVTRRDSALYRCEVVARNDREIDEIVIELTV 135  
DB 65 YIHGELYKNRVSISNNAE-QSDASITIDQLTMAADNGTECSVLSMDLEGNTKSRRLV 123  
QY 136 QKPVTPVCRVPKAVPVGKMATLHCQSESGHPRPHYSWYRNDV-----PLPTDSRANPRF 190  
DB 124 LVPPSKPECGIEGETIIGNNIQLTCSKESGPTPOYSWKRYNLIHQEQLAQAGPAGQP-- 181  
QY 191 RNSSFHLNSETGLVFTVAHKDQSGQYCIASNDGASACE-EQEMEVYDLNIG--GII 246  
DB 192 -----VSLKNISTDTSGYICTSSNEGTGFCNITVAVRSPSNVVALYVIGIA 228  
QY 247 GSVLVLAVALITLIGICAVRGYFIN--NKODG-----ESYKNP 285  
DB 229 VGVAALITIGIITICCC---RGKDDNTEDKEDARPRAREYBP 270

Search completed: June 7, 2003, 09:41:41  
Job time: 13.5 secs

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QY 3 ISRRRLRLRYARLPHFFLLIFRGCM-----EAVNLSSNRNPVW--EFESYELSCII 55  
 QY 1 MARSRHRL-----LILLRLYLVALGHKAVGSPAPDQGVYVAVXVQGEIILAC-K 51  
 QY 56 THGQTDPRLIEMKIQDQTTVYVDPNKIQGLAGRTVFGKTSIRLIMNTRPSAIYRC 115  
 Db 52 TPKKTYASRIEMKWL--GRSVSPFYVYQOVLQGGFKRAMEI--DFNIRIKNVRSPAGKYRC 109  
 QY 116 EVVALNDR--KEVDEITIELIVQKVPYTPVCRIPAAVAPGKTATLQCOSEBEGYPRPHYSWY 174  
 Db 110 EVGAPSEOGQNEBEDVTLEVLVAPAVPESCEVPSALGTVAEIRCDQKEGNPAEYTW 169  
 QY 175 RNVPLPDTOSRANPRKQNSSEFHWSETGLVNAVNAHNDSDQOYCYCIASNDGARGCGOD 234  
 Db 170 KQDGRILNDRLOSQSTNSSTYMNKTTGLQFNPTVSKJLDTBYSCEANSSVGYRCCGKR 229  
 QY 235 MEVYDNLNAGIIGGVLVVVLIVLAVITMGICAYRRGCGFISSKODGESYKSPGKHGYNVI 294  
 Db 230 MQVDIDLINIGIIAAVVVALVIVISVCGLGVCAQRGYF--SKE-----TSFQKNSSSKA 282  
 QY 295 RTSEGDGFRHKSFPVI 310  
 Db 283 TTWSENDPFRKTSFII 298

RESULT 2  
 US-09-254-465A-9  
 Sequence 9, Application US/09254465A  
 Patent No. 6410708  
 GENERAL INFORMATION:  
 APPLICANT: Genentech, Inc.  
 APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Fong, Sherman  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Napier, Mary A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Wood, William I.  
 TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
 OF DISEASES CHARACTERIZED BY A33-RELATED ANTIGENS  
 FILE REFERENCE: P126R1(US)  
 CURRENT APPLICATION NUMBER: US/09/254,465A  
 CURRENT FILING DATE: 1999-03-05  
 PRIOR APPLICATION NUMBER: PCT/US98/24855  
 PRIOR FILING DATE: 1998-11-20  
 PRIOR APPLICATION NUMBER: US 60/066,364  
 PRIOR FILING DATE: 1997-11-21  
 PRIOR APPLICATION NUMBER: US 60/078,936  
 PRIOR FILING DATE: 1998-03-20  
 PRIOR APPLICATION NUMBER: PCT/US98/19437  
 PRIOR FILING DATE: 1998-09-17  
 NUMBER OF SEQ ID NOS: 30  
 SEQ ID NO 9  
 LENGTH: 312  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-254-465A-9

Query Match	29.3%	Score 478;	DB 4;	Length 312;
Best Local Similarity	36.3%	Pred. No. 4.8e-40;		
Matches 110; Conservative	62;	Mismatches 109;	Indels 22;	Gaps 8

```

Qy 3 LSRRLRLTLVRLPHFELLFLFRGCM-----EAVNLKSNMNPVH--EFSFVSLCII 55
Dy 1 MARSRHRL-----LLLLRLVLVALGHHKAVGFSPKXQQVTVAVVEYGLIAC-K 51
Qy 56 THSGTSDPRILEMKKIQDGGTVVYVDNKKICGLLARTGTVFGKTSIRINMNPSSDAIYRC 115
Dy 52 TPKKTIVSRLEMKKL-GRSVSFYVYQQLTGDPFKRAEVI-DFNIRIKNVINSDMKRIAC 109
Qy 116 EYVALANDR-KEVDETTILIVQKVEVTPVCRIPAAVPGKATATLLOQSESGYPRPHSYW 174
Dy 110 EVASPSREGQNNLEETVTLLEVALVAAPVSSCEVPSALSGLTVLELCCODEGNAPEAYTFE 169

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QY      176 RNDVPEPTGSRANPFRONSSFEHNSSETTLWFNNVHDKDSQYYCIAISNDAAGARCEGD   234
       :::::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db      170 KOGRIILEPRIGSGSTNSSYTMANKTITLDFNTVSKLDTGEYSCEARNSSGVYRRCCHKR   229
       :::::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
QY      235 MEYVDINIAIGIIGVLVVLIVLAIVITMGICCAVRGCF---ISSKODGESYKSPGRKDGV   291
       |:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
Db      230 MQRDDINISGIILAAVVVAALVVISUGCLAVCYAKRGKIFSKETSFQKSNSSSKATTMSENV   289
       |:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
QY      292 NYI    294
       ::
Db      290 QWL    292
```

```

RESULT 3
US-09-254-465A-10
: Sequence 10, Application US/09254465A
: Patent No. 6410708
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Fong, Sherman
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Napier, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
FILE REFERENCE: P126R(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 10
LENGTH: 300
TYPE: PRT
ORGANISM: Mus musculus
US-09-254-465A-10

```

Query Match	27.5%	Score 449.5;	DB 4	Length 300;
Best Local Similarity	34.2%	Pred. No. 3.3e-37;		
Matches 102; Conservative	64;	Mismatches 117;	Indels 15;	Gaps 77;

```

QY 20 LLLLRGGMIEAV-----NKKSNRNPNVHEPFSVSLCIIHNSQSPRIEMKKIDQG
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 11 LLFLFTSMILSLVQGGKSVTTAASDVQVPEHSITLTC--TYSGFSSFRKMKVQOST
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 75 TTYVYVFNKIKGGIAGRTDVFGKTSLRINAVTRSDSAIRCEVVALNDRKEVDITIELI
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 69 TALVCYNSOIIAPYADRY-TFSSSGITFFSSVTRKDNGEYTC-MVSEGGONYGEYSIHLT
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 135 VQVKVTVTVCHLPAAPVPKGTALTLQCOESGCVRRHYSWRYNRDVLPLT--DSANRPNONS
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 127 VLAPPSKPTLVPSFSSVTLGNRAVLTCSEHSGSPPSSEISPMFKGISMLTADAKTKRAFONS
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 194 SFHVNSSETGLVFENAVHKDSDGGYYTICIASNDAGA--RCGEGODMEVYDINAGIIGGLVYV
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 187 SFTIDPKSGDILIPDVNATFDSGGEYVCOAQNGYGTARSEAAHMDAVELNCGVIAVALVT
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 253 LIVAVITMGLCCAYRRGCFISSKQODESKYSCKGKDGVNRYIRTSSEGDFFRKSKSFVI
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      247 LILGLGLIPGVAFASRSGYFETTKG---TAGKKVVIYQPSITSSEGGFKQTSFV 3000

```

## RESULT 4

```

US-09-188-930-331
; Sequence 331, Application US/09188930A
; Patent No. 6150502
;
; GENERAL INFORMATION:
;
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Muirson, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1011c1
;
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
;
; NUMBER OF SEQ ID NOS: 348
;
; SOFTWARE: FastSeq for Windows Version 3.0
;
; SEQ ID NO 331
;
; LENGTH: 299
;
; TYPE: PRF
;
; ORGANISM: Human
;
; US-09-188-930-331

```

[illegible]

RES. 5  
 US-09-462-270-2  
 : Sequence 2, Application US/09462270  
 : Patent No. 6358707  
 : GENERAL INFORMATION:  
 : APPLICANT: SmithKline Beecham Corporation  
 : TITLE OF INVENTION: Human FII Antigen: A Cell Surface  
 : FILE REFERENCE: GH-70150US  
 : CURRENT APPLICATION NUMBER: US/09/462,270  
 : PRIOR FILING DATE: 2000-01-05  
 : PRIOR FILING DATE: 1997-07-10  
 : NUMBER OF SEQ ID NOS: 4  
 : SOFTWARE: FastSeq for Windows Version 3.0  
 : SEQ ID NO 2  
 : LENGTH: 299  
 : TYPE: PRT  
 : ORGANISM: HOMO SAPIENS  
 : US-09-462-270-2

Query Match	25.4%	Score 415;	DB 4;	Length 259;
Best Local Similarity	33.8%;	Pred. No. 9,9e-34;		
Matches 100;	Conservative 50;	Mismatches 132;	Indels 14;	Gaps 6;
OY	18	FFLLLRGCMIAEAVNLKSSNRNPVYHPEFSEVLSCLITTHOTSPIRIEMKKIDGGCTTY	77	

Db	15	FILALILGSLALGSVTVHSSBEPRVNI	PENNVPKJLSSC--	AYSGFSPRHEWFKDGDITRL	72	
Qy	78	VFEDNKITOGDLAGRNDVDEGKTS	SLRWNTKRSDSALYRGEVVALNDKRE	VEITIELVQY	137	
Db	73	VCNNKTLTASIEDRV-TFLPTGITFK	SVREDTGTYTL-MVSEGCNSYGEVAK	KLVLVL	136	
Qy	138	KPVLPVCRIPAAVPGKATYTLLOQ	SECEGYPRPHYSWYRNDVPLPTDS	BAENRFONSSFAH	197	
Db	131	PSKPPVNI	PPSSATIGNRAVLITCSQDQDS	PPSEBYLWPFQDGLVMEPTNPP	STRAFAFNSSYVL	190
Qy	198	NSEETGLVNAVAHKDSDQGYCI	ASINDAGARCEGO-DMEVYD	LNIAIGILGVVLVVL	256	
Db	191	NPTTGLVDPDPLASDPTGEYS	CEALNGSGTPMITSAAVME	VERNVGVYVAALVLTILL	250	
Qy	257	AVTWMELICAVYRGCFLSSKOD	GESYKSPGKHDDGNYTRTS--	BEGDPRHSSSVI	310	
Db	251	GLIVETIMVAHSKPHDRTKKST	SKK-----VYISQPARABEGE	KQTSSTVLV	299	

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1      RESULT 6
2      US-09-254-465A-1
3      : Sequence 1, Application US/09254465A
4      : Patent No. 6410708
5      :
6      : GENERAL INFORMATION:
7      : APPLICANT: Genentech, Inc.
8      : APPLICANT: Ashkenazi, Avi J.
9      : APPLICANT: Fong, Sherman
10     : APPLICANT: Goddard, Audrey
11     : APPLICANT: Gurney, Austin L.
12     : APPLICANT: Napier, Mary A.
13     : APPLICANT: Thomas, Daniel
14     : APPLICANT: Wood, William I.
15     :
16     : TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
17     : OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
18     :
19     : FILE REFERENCE: P1216R1 (US)
20     :
21     : CURRENT APPLICATION NUMBER: US/09/254,465A
22     :
23     : CURRENT FILING DATE: 1999-03-05
24     :
25     : PRIOR APPLICATION NUMBER: PCT/US98/24855
26     :
27     : PRIOR FILING DATE: 1998-11-20
28     :
29     : PRIOR APPLICATION NUMBER: US 60/066,364
30     :
31     : PRIOR FILING DATE: 1997-11-21
32     :
33     : PRIOR APPLICATION NUMBER: US 60/078,936
34     :
35     : PRIOR FILING DATE: 1998-03-20
36     :
37     : PRIOR APPLICATION NUMBER: PCT/US98/19437
38     :
39     : PRIOR FILING DATE: 1998-09-17
40     :
41     : NUMBER OF SEQ ID NOS: 30
42     :
43     : SEQ ID NO 1
44     :
45     : LENGTH: 299
46     :
47     : TYPE: PRT
48     :
49     : ORGANISM: Homo sapiens
50     :
51     : US-09-254-465A-1

```

	Query Match	25.4%	Score 415;	DB 4;	length 299;
	Best Local Similarity	33.8%	Pred. No. 9	9e-34;	
	Matches	100;	Conservative	50;	Mismatches 132; Indels 14; Gaps 6
QY	18	FPLLLIFRCGMI <sup>-</sup> EAVNLKSSNNP <sup>-</sup> VHEBSVELSCITTHSQTSDPRIEMKKIQDGGTTY	77		
Db	15	FILATILLCSIALGSVTVHSSEPEVRIPENNVPVKLSC-AVSGFSPPEVMKFDDGTTRL	72		
QY	78	VYFDNKKIQGLDLGRDFVGKTSLRIMWNTSRDSAIYRCEVALMDREKVEDEITELIYOV	137		
Db	73	VCYNKNITMSYEDRV-TFLPTGIITKSYTRDGTGYTC-MVSEEGSGSYGEVKKLVLY	130		
QY	138	KPVLPYCRIIPAAPVPGKTATLLOCESECGYPAPHYSWMRYNDVLPETDGRANPRFONSSFHV	197		
Db	131	PSKPFTVINIPSASATIGNRAVLTCSEODSPSEBTWFMDGIIVMPTNPKRSTRAFSNSSYVL	190		
QY	198	NSETGLIVNAAHKDSGOGYCIASNDAGARCGQ-DMEYVDINAGIIIGGVVVYLIV	256		
Db	191	NPTTGLVNVDPISADSTDEISCARNGYGTPTMTSNAAVMEVVENNVGVIYAALVLTILL	250		

QY 257 AVITMGICAYRRGCFISSKODESYKSPGKHGDNVYIRTS--EEGDFRHKSSFVI 310  
Db 251 GILVFIWFAYSRCHGHDRTKGTSSKK-----VIYQSPARSSEBFOTSSFLV 299

## RESULT 7

US-09-188-930-189  
Sequence 189, Application US/09188930A  
Patent No. 6150502  
GENERAL INFORMATION:  
APPLICANT: Watson, James D.  
APPLICANT: Strachan, Lorna  
APPLICANT: Sleeman, Matthew  
APPLICANT: Murison, James Greg  
APPLICANT: Onrust, Rene  
TITLE OF INVENTION: Compositions Isolated From Skin Cells  
FILE REFERENCE: 11000.101c1  
CURRENT APPLICATION NUMBER: US/09/188,930A  
CURRENT FILING DATE: 1998-11-09  
NUMBER OF SEQ ID NOS: 348  
ATTN: FastSeq for Windows Version 3.0  
SEQ ID NO 189  
LENGTH: 299  
TYPE: PRT  
ORGANISM: Human  
FEATURE:  
NAME/KEY: UNSURE  
LOCATION: (247)...(247)  
NAME/KEY: UNSURE  
LOCATION: (289)...(289)  
US-09-188-930-189

Query Match 24.7%; Score 403; DB 4; Length 299;

Best Local Similarity 33.1%; Pred. No. 1.6e-32; Indels 14; Gaps 6;

Matches 98; Conservative 50; Mismatches 134; Indels 14; Gaps 6;

QY 18 FFLLLFRGCMIAVNLKSSRNPPVHEFESVELSCITTHSOTSDPRIEMKKIQDQTTY 77  
Db 15 FILAILLCSALGVSFVHSEPEVRIPENNPKVLSC--AVSGFSSPRVEMKPFQSGDTTL 72  
QY 78 VYFDNKIQDLAGRTDFGKTSLRIMNWTNRSDSAIYRCEVVALNDKREVDITIELIVQY 137  
Db 73 VCYNNKIKITASYEDRV-TFLPTGITFKSVYREDYGYTC-MVSEEGNSYGEVAKLIVLY 130  
QY 138 KPTVPCRIAPAVPVCKTATLQCESEGYRPHYSWNRNVPDPTDSRANPRFONSSEHY 197  
Db 131 PEKPTVNLPSSTATIGRAVLTCSEODGSPSEITWFKDGIWPTNPKSTRAFSNSSYVL 190  
QY 198 NSETGTLVFNAVHKDSDGQYYCIASNDAGARCEQ-DMEVYDLNIAIGIVLVLYVL 256  
Db 191 NPTTGLVDPPLASDITGEYSCARNGYGTPTMSNAVRNMGVIAVAVLVXILL 250  
QY 257 AVITMGICAYRRGCFISSKODESYKSPGKHGDNVYIRTS--EEGDFRHKSSFVI 310  
Db 251 GILVFIWFAYSRCHGHDRTKGTSSKK-----VIYQSPARSSEBFOTSSFLV 299

## RESULT 8

US-09-254-465A-23  
Sequence 23, Application US/09254465A  
Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS

FILE REFERENCE: P1216R1 (US)  
CURRENT APPLICATION NUMBER: US/09/254,465A.

CURRENT FILING DATE: 1999-03-05

PRIOR APPLICATION NUMBER: PCT/US98/24855

PRIOR FILING DATE: 1998-11-20

PRIOR APPLICATION NUMBER: US 60/066,364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: US 60/078,936

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: PCT/US98/19437

PRIOR FILING DATE: 1998-09-17

NUMBER OF SEQ ID NOS: 30

SEQ ID NO 23

LENGTH: 260

TYPE: PRT

ORGANISM: Homo sapiens

US-09-254-465A-23

Query Match 23.4%; Score 381.5; DB 4; Length 260;

Best Local Similarity 34.6%; Pred. No. 1.9e-30;

Matches 88; Conservative 43; Mismatches 116; Indels 5; Gaps 4;

QY 31 AVNLKSSRNPPVHEFESVELSCITTHSOTSDPRIEMKKIQDQTTYVYFDNKIQDLAG 90  
Db 5 SVTVHSEPEVRIPENNPKVLSC--AVSGFSSPRVEMKPFQSGDTTLRYCYNNKIKITASYED 62  
QY 91 RTDVFCKTSLRIMNWTNRSDSAIYRCEVVALNDKREVDITIELIVQYKPTVPCRIAPAV 150  
Db 63 RV-TFLPTGITFKSVYREDYGYTC-MVSEEGNSYGEVAKLIVLVPSKFTVNLIPSSA 120  
QY 151 PVGKTATLQCESEGYRPHYSWNRNVPDPTDSRANPRFONSSEHYSETGTLVFNAVH 210  
Db 121 TIGNRAVLTCSEODGSPSEITWFKDGIWPTNPKSTRAFSNSSYVLNPTTGLVFDPLS 180  
QY 211 KQDSQYYCIASNDAGARCEQ-DMEVYDLNIAIGIVLVLYVLAVITMGICAYRR 269  
Db 181 ASDTGEYSCARNGYGTPTMSNAVRNMGVIAVAVLVXILLGILVFIWFAYSR 240  
QY 270 GCFISSKODESYK 283  
Db 241 GHFDRTKGTSSKK 254

## RESULT 9

US-09-254-465A-25  
Sequence 25, Application US/09254465A  
Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
FILE REFERENCE: P1216R1 (US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
CURRENT FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 25  
LENGTH: 263  
TYPE: PRT

ORGANISM: Homo sapiens  
US-09-254-465A-25

Query Match 23.4%; Score 381.5; DB 4; Length 263;  
Best Local Similarity 34.6%; Pred. No. 1.9e-30;  
Matches 88; Conservative 43; Mismatches 118; Indels 5; Gaps 4;

QY 31 AVNLKSNPNVHFESEVELSCITHTSOTSPRIEMKKIQQGQTVVYVFNKIQDGLG 90  
DB 8 SVTVHSSSEPRVAPENNPKLSC--AYSGFSSPRVEMKFDQDQDTTLVYCNKIKTASYD 65  
QY 91 RIVDVGKTSIRIWNTRSDAISYRCEVALNKRKEVDITIELIYQKPTVCRIPAAV 150  
DB 66 RV-TLPTGITPKTSYTRDGTGTYTC-MVSEEGNSYGEVKKLIVLPSPKPTVNI PSSA 123  
QY 151 PVGKTATLQCOSEGEPRPHYSMYRNDVLPDTSRANPRFONSSPHVNSEGTGLVFNAYH 210  
DB 124 TIGNRAVLTCSEODSPSEETWFKDGIWPTNPKSTRAFSSSYLVNLTTELVPDPLS 183  
QY 211 KDSGQYVCIASNDGAARCEGQ-DMEVYDLNAGIIGVLVLLAVITMGICAYR 269  
DB 184 ASDTGEYCEARNGTPTMTSNAVMEAVRNVGVIAAVLVTLILGLIVGIMFAYSR 243  
QY 270 GCFISSKQDGSYK 283  
DB 244 GHFDRTKKGTSSKX 257

## RESULT 10

US-09-462-270-4  
Sequence 4, Application US/09462270  
Patent No. 6358707  
GENERAL INFORMATION:  
APPLICANT: SmithKline Beecham Corporation  
TITLE OF INVENTION: Human FII Antigen: A Cell Surface  
FILE REFERENCE: GH-701505  
CURRENT APPLICATION NUMBER: US/09/462,270  
CURRENT FILING DATE: 2000-01-05  
PRIOR APPLICATION NUMBER: 60/052,186  
PRIOR FILING DATE: 1997-07-10  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FASTSEQ for Windows Version 3.0  
SEQ ID NO 4  
LENGTH: 205  
TYPE: PRT  
ORGANISM: HOMO SAPIENS  
US-09-462-270-4

Query Match 17.3%; Score 283; DB 4; Length 205;  
Best Local Similarity 33.5%; Pred. No. 1.1e-20;  
Matches 64; Conservative 34; Mismatches 89; Indels 4; Gaps 3;

QY 18 FFLILPFGCMIEAVNLKSNPNVHFESEVELSCITHTSOTSPRIEMKKIQQGQTV 77  
DB 15 FILAILCSLALGSYTVHSSSEPRVAPENNPKLSC--AYSGFSSPRVEMKFDQDQDTTL 72  
QY 78 VYFDKIKIGDLAGRVDVGKTSIRIWNTRSDAISYRCEVALNKRKEVDITIELIYQV 137  
DB 73 VCYNKIKTASYEDRY-TLPTGITPKTSYTRDGTGTYTC-MVSEEGNSYGEVKKLIVLV 130  
QY 138 KPTVPCRIPAAVPVGKTATLQCOSEGEPRPHYSMYRNDVLPDTSRANPRFONSSPHV 197  
DB 131 PPSKRTVNI PSSATIGNRAVLTCSEODSPSEETWFKDGIWPTNPKSTRAFSSSYLV 190  
QY 198 NSEGTGLVFN 208  
DB 191 NPTGELVFES 201

## RESULT 11

US-08-597-495B-22  
Sequence 22, Application US/08597495B

Patent No. 5712369  
GENERAL INFORMATION:  
APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Geri;  
APPLICANT: Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;  
APPLICANT: Carimel, B.; Ji, Hong; Burgess, Anthony W.;  
APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, Cameron  
TITLE OF INVENTION: Colon Cell And Colon Cancer Cell  
TITLE OF INVENTION: Associated Nucleic Acid Molecules, Protein And Peptides  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Felfe & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10022

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/597,495B  
FILING DATE: 02-Feb-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/511,876  
FILING DATE: 04-Aug-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 5712369man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5316.1  
TELEPHONE: (212) 838-3884  
TELEFAX: (212) 838-9200  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 319 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
US-08-597-495B-22

Query Match 14.8%; Score 242.5; DB 1; Length 319;  
Best Local Similarity 25.7%; Pred. No. 2.6e-16;  
Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;

QY 29 IEAVNLKSNPNVHFESEVELSCITHTSOTSPRIEMKKIQQGQTVVYVFNK 83  
DB 19 VDAISVETPODVLRAOQSKSVTLPCYV-HTSTSSREGILQMDKILTFTRVVIWPFENK 77  
QY 84 --IGDQ-----AGRTDVGKTSIRIWNTRSDAISYRCEVALNKRKEVDITIELI 131  
DB 78 NYIHGELIKRNVISINNAEOSD---ASITTDQLTMDNGTYECSVLSMSDLEGNTKSRV 133  
QY 132 ELIVQKPTVCRIPAAVPVGKTATLQCOSEGEPRPHYSMYRNDV-----PLPTDSRA 186  
DB 134 RLVLVLPSPKKEGIBERTIIGNIIQLTCSKESGPTQYSWKRYNINLQGPPLAQPSAG 193  
QY 187 NPFONSSPHVNSBTGLTVFNVAHKDQSGQYVCIASNDG-----AARCEODMEVY 238  
DB 194 QP-----VSLNISTDTSGYIICITSSNEEGTQFCNITVAVSPSMNVALY 238  
QY 239 DLNAGIIGVLVLLAVITMGICAYRGCFTSSKOD-----SEYKSPGKHGVNVI 294  
DB 239 ---VGIAVGVAALLIIGII-IYCCCGKGDNTDEKEDARPRAVEAEEPPQLRELISR 293  
QY 295 RTSEGDPRNK 305  
DB 294 EREEDDYROE 304

## RESULT 12

US-09-068-051A-22

Sequence 22, Application US/09068051A  
Patent No. 6291235  
GENERAL INFORMATION:  
APPLICANT: Old, Lloyd J.; Melt, Sydney; Rittner, Gerd;  
Simpson, Richard J.; Nuce, Edward; Moritz, R. L.;  
Cattell, B.; Ji, Hong; Burgess, Anthony W.;  
Heath, Joan K.; White, Sara J.; Johnstone, Cameron  
TITLE OF INVENTION: Colon Cell And Colon Cancer Cell  
Associated Nucleic Acid Molecules, Protein And Peptides  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fulbright & Jaworski LLP  
STREET: 666 Fifth Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/068,051A  
FILING DATE: 10-Dec-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/597,495  
FILING DATE: 02-Feb-1996  
APPLICATION NUMBER: 08/511,876  
FILING DATE: 04-Aug-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 6291235man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5316.2  
TELEPHONE: (212) 318-3168  
TELEFAX: (212) 752-5958  
INFORMATION FOR SEQ ID NO: 22  
SEQUENCE CHARACTERISTICS:  
LENGTH: 319 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 22  
US-09-068-051A-22

Query Match 14.8%; Score 242.5; DB 4; Length 319;  
Best Local Similarity 25.7%; Pred. No. 2.6e-16;  
Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;

QY 29 IEAVNLKSSNRNPVHFESEVELSCIIITHSOTS--DPRIEKKIIOGQTTYYV---FDNK 83  
DB 19 VDAISVETPDVLRASQGSVTLPTCY-HTSTSSREGLIOWDKLLTHTRVVIWPFPSNK 77  
QY 84 --IIGDL-----AGRTDVFGKTSLRINWVTRSDSAIYRCEVVALNDRKVEDEITI 131  
DB 78 NYHGEIYKRVVISINNAEQSD---ASITIDQLTMADNGTYECVSLMSDLGNKTSRV 133  
QY 132 ELIVQKPTVPYCRIPAAVPGKTAITLQCESEGGYPRPHYSRYNDV---PLPTDSRA 186  
DB 134 RLIVLVPSPKPECGIEGETIIGNNIQLTCSKSGSPPOYSWKRYNIINQEQPLAQPSG 193  
QY 187 NPFQNSFHVNSEGTGLVFENAVHKDSDGOYCIASNDAG-----AARCEGDMERY 238  
DB 194 QP-----VSLKNISTDTSGYITCTSSNEEGTQFCNITVAVRSPSNVVALY 238  
QY 239 DLNIAIGIGVLVILVAVITMGICAVYRGCFIISKQDG---ESYKSPKHDGVNYI 294  
DB 239 ---VGIAGVVAALIIIGII-IYCCCKRGKDNTEDEKEDAPRNREAYEPEQLRELNR 293  
QY 295 RTSEEDGFRHK 305  
DB 294 EREEDDYROE 304

RESULT 13  
US-09-336-536-67  
Sequence 67, Application US/09336536  
Patent No. 6406884  
GENERAL INFORMATION:  
APPLICANT: Leiby, K.  
APPLICANT: McKay, C.  
APPLICANT: Bosone, S.  
TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF  
FILE REFERENCE: 7853-144  
CURRENT APPLICATION NUMBER: US/09/336,536  
CURRENT FILING DATE: 1999-06-18  
NUMBER OF SEQ ID NOS: 75  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 67  
LENGTH: 319  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-336-536-67

Query Match 14.8%; Score 242.5; DB 4; Length 319;  
Best Local Similarity 25.7%; Pred. No. 2.6e-16;  
Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;

QY 29 IEAVNLKSSNRNPVHFESEVELSCIIITHSOTS--DPRIEKKIIOGQTTYYV---FDNK 83  
DB 19 VDAISVETPDVLRASQGSVTLPTCY-HTSTSSREGLIOWDKLLTHTRVVIWPFPSNK 77  
QY 84 --IIGDL-----AGRTDVFGKTSLRINWVTRSDSAIYRCEVVALNDRKVEDEITI 131  
DB 78 NYHGEIYKRVVISINNAEQSD---ASITIDQLTMADNGTYECVSLMSDLGNKTSRV 133  
QY 132 ELIVQKPTVPYCRIPAAVPGKTAITLQCESEGGYPRPHYSRYNDV---PLPTDSRA 186  
DB 134 RLIVLVPSPKPECGIEGETIIGNNIQLTCSKSGSPPOYSWKRYNIINQEQPLAQPSG 193  
QY 187 NPFQNSFHVNSEGTGLVFENAVHKDSDGOYCIASNDAG-----AARCEGDMERY 238  
DB 194 QP-----VSLKNISTDTSGYITCTSSNEEGTQFCNITVAVRSPSNVVALY 238  
QY 239 DLNIAIGIGVLVILVAVITMGICAVYRGCFIISKQDG---ESYKSPKHDGVNYI 294  
DB 239 ---VGIAGVVAALIIIGII-IYCCCKRGKDNTEDEKEDAPRNREAYEPEQLRELNR 293  
QY 295 RTSEEDGFRHK 305  
DB 294 EREEDDYROE 304

RESULT 14  
US-09-254-465A-6  
Sequence 6, Application US/09254465A  
Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Guirey, Austin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33-RELATED ANTIGENS  
FILE REFERENCE: P1216R1 (US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
CURRENT FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21



PRIOR APPLICATION NUMBER: US 60/078,936  
 PRIOR FILING DATE: 1998-03-20  
 PRIOR APPLICATION NUMBER: PCT/US98/19437  
 PRIOR FILING DATE: 1998-09-17  
 NUMBER OF SEQ ID NOS: 30  
 SEQ ID NO: 6  
 LENGTH: 319  
 TYPE: PRP  
 ORGANISM: Homo sapiens  
 US-09-254-465A-6

Query Match 14.8%; Score 242.5; DB 4; Length 319;  
 Best Local Similarity 25.7%; Pred. No. 2,6e-16;  
 Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;

QY 29 IEAVNLKSNRPVHFEFSEVLSCTIHSQTS--DRIEMKKIQDQGTYY--FDNK 83  
 DB 19 VDAISVETPDVLRASQGSVTLPTCTY-HTSTSSREGLIQMDKLLTHTERVVIMPFNSK 77  
 QY 84 --IQCGL-----AGRTDVFGRSLRIMVTRSDSAIYRCEVVALNDRKXVDEIRI 131  
 DB 78 NTHBELYKNRYSISNNAQSD-----ASTITDQLTADNGTECSVLSMSDEGNTKRV 133  
 QY 132 ELIVQKPYTPVCRIPAAVPGKATLQCESEGEYRPHYSWYRNDV-----PLPTDSRA 186  
 DB 134 RLIVLVPPKPGCGIGETIIGNNIQLTQSKESGPTQYSWKRVIIINQBOPLAQPASG 193  
 QY 187 NRPQNSRHVNSFETLVFNVAHKDSCGYICIASNDG-----AARCEGDMEY 238  
 DB 194 QP-----VSLKNISTDTSGYYICTSSNEGTOFCNITVAVRPSNMVALY 238  
 QY 239 DNIAGIIGVLVILVAVITWIGICAYRGCFFISSKODG-----ESYSPGKHGDNVYI 294  
 DB 239 ----VGANGVVALIITIGIT-IYCCCGKXDNTEKEDARPNRAAYEPEPQLRELNR 293  
 QY 295 RTSEEGDFRHK 305  
 DB 294 EREEDDYRQE 304

RESULT 15  
 US-09-068-051A-32  
 Sequence 32, Application US/09068051A  
 Patent No. 6291235

## GENERAL INFORMATION:

APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;  
 Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;  
 Catimel, B.; Ji, Hong; Burgess, Anthony W.;  
 Heath, Joan K.; White, Sara J.; Johnstone, Cameron

TITLE OF INVENTION: Colon Cell And Colon Cancer Cell  
 Associated Nucleic Acid Molecules, Protein And Peptides

NUMBER OF SEQUENCES: 33  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fulbright & Jaworski LLP

STREET: 666 Fifth Avenue  
 CITY: New York City  
 STATE: New York  
 COUNTRY: USA

ZIP: 10103

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage

COMPUTER: IBM PS/2  
 OPERATING SYSTEM: PC-DOS  
 SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/068,051A  
 FILING DATE: 10-Dec-1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/597,495

FILING DATE: 02-Feb-1996  
 APPLICATION NUMBER: 08/511,876  
 FILING DATE: 04-Aug-1995

## ATTORNEY/AGENT INFORMATION:

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 REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: LUD 5316.2

## TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 318-3168  
 TELEFAX: (212) 752-5598

## INFORMATION FOR SEQ ID NO: 32

SEQUENCE CHARACTERISTICS:  
 LENGTH: 318 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 32  
 US-09-068-051A-32

Query Match 14.7%; Score 240.5; DB 4; Length 318;  
 Best Local Similarity 24.9%; Pred. No. 4e-16;  
 Matches 73; Conservative 37; Mismatches 122; Indels 61; Gaps 10;

QY 48 SVELSCII-THSQSDPRIEMKKIQDGT-----TYVY--FDNKIQGLAGRT 92  
 DB 37 SVTLPTCTNTYVSDREGTIQMDKILRSQTERVVTNPFYTKIYIGNRYENRV--VNSD 93  
 QY 93 DVFGRSLRIMVTRSDSAIYRCEVVALNDRKXVDEIRIIVQKPYTPVCRIPAAV 152  
 DB 94 AELSNASTITDQLTMDNGTECSVLSMSDDVNAKSRVRLIVLPKPGDPSIGEMVI 153  
 QY 153 GKTATLQCESEGEYRPHYSW-----YRNDVPLPTDSRANRPFQNSRHVNSFETLVFN 207  
 DB 154 GNNIQLTCHSAEGSPSPQYSWKSYNAQORPLTOPVSGEP-----LILK 198  
 QY 208 AVHKDSCGYICIASNDGAARCE-----GDMYVDNIAGIIGVLVILVAVI 259  
 DB 199 NISTTAGYICTSSNDGIESCNITVAPRPSNMVALY--AGIASVFPALIIIGVI 254  
 QY 260 TWGICAYRGCFFISSKODG-----SYSPGKHGDNVYIRSEEGDFRHK 305  
 DB 255 VYCCCRKED--DKQDREDARPNRAAYQVPKKEQKISRGREDDEDRHE 303

Search completed: June 7, 2003, 09:41:40  
 Job time: 14.5 secs

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